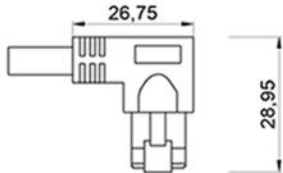
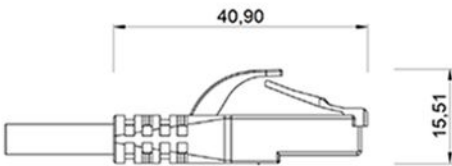
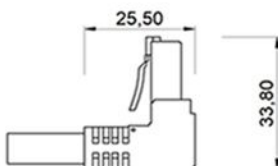
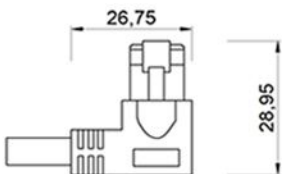
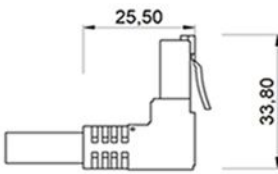


## PATCHCORD ANGLED F/UTP

|                 |                             |
|-----------------|-----------------------------|
| Connectors      | 2xRJ45 (8p8c)               |
| Available color | black/blue/red/green/yellow |
| Category        | 6                           |
| Shielding       | F/UTP                       |
| Insulation      | LSHF                        |
| Conductor       | stranded Cu AWG 26/7        |

The patch cables we produce are customized according to individual project. As standard, we use the **EIA/TIA T568B** connection (individual possible on request). The following types of connectors can be combined and ordered in any length.

|                    |                                                                                     |       |                                                                                       |
|--------------------|-------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------|
| Available options: |                                                                                     | Right |  |
| Straight           |  | Up    |  |
| Left               |  | Down  |  |

## PATCHCORD ANGLED F/UTP

| Item number | Color | Angle          | Length [m] | Item number | Color | Angle         | Length [m] |
|-------------|-------|----------------|------------|-------------|-------|---------------|------------|
| 102902      | green | straight-left  | 0,10       | 102952      | green | straight-up   | 2,50       |
| 102903      | green | straight-left  | 0,15       | 102953      | green | straight-up   | 3,00       |
| 102904      | green | straight-left  | 0,20       | 102954      | green | straight-up   | 3,50       |
| 102905      | green | straight-left  | 0,25       | 102955      | green | straight-up   | 4,00       |
| 102906      | green | straight-left  | 0,40       | 102956      | green | straight-up   | 5,00       |
| 102907      | green | straight-left  | 0,50       | 102957      | green | straight-up   | 7,50       |
| 102908      | green | straight-left  | 0,75       | 102958      | green | straight-up   | 10,00      |
| 102909      | green | straight-left  | 1,00       | 102959      | green | straight-up   | 15,00      |
| 102910      | green | straight-left  | 1,50       | 102960      | green | straight-up   | 20,00      |
| 102911      | green | straight-left  | 2,00       | 102961      | green | straight-up   | 25,00      |
| 102912      | green | straight-left  | 2,50       | 102962      | green | straight-down | 0,10       |
| 102913      | green | straight-left  | 3,00       | 102963      | green | straight-down | 0,15       |
| 102914      | green | straight-left  | 3,50       | 102964      | green | straight-down | 0,20       |
| 102915      | green | straight-left  | 4,00       | 102965      | green | straight-down | 0,25       |
| 102916      | green | straight-left  | 5,00       | 102966      | green | straight-down | 0,40       |
| 102917      | green | straight-left  | 7,50       | 102967      | green | straight-down | 0,50       |
| 102918      | green | straight-left  | 10,00      | 102968      | green | straight-down | 0,75       |
| 102919      | green | straight-left  | 15,00      | 102969      | green | straight-down | 1,00       |
| 102920      | green | straight-left  | 20,00      | 102970      | green | straight-down | 1,50       |
| 102921      | green | straight-left  | 25,00      | 102971      | green | straight-down | 2,00       |
| 102922      | green | straight-right | 0,10       | 102972      | green | straight-down | 2,50       |
| 102923      | green | straight-right | 0,15       | 102973      | green | straight-down | 3,00       |
| 102924      | green | straight-right | 0,20       | 102974      | green | straight-down | 3,50       |
| 102925      | green | straight-right | 0,25       | 102975      | green | straight-down | 4,00       |
| 102926      | green | straight-right | 0,40       | 102976      | green | straight-down | 5,00       |
| 102927      | green | straight-right | 0,50       | 102977      | green | straight-down | 7,50       |
| 102928      | green | straight-right | 0,75       | 102978      | green | straight-down | 10,00      |
| 102929      | green | straight-right | 1,00       | 102979      | green | straight-down | 15,00      |
| 102930      | green | straight-right | 1,50       | 102980      | green | straight-down | 20,00      |
| 102931      | green | straight-right | 2,00       | 102981      | green | straight-down | 25,00      |
| 102932      | green | straight-right | 2,50       | 102982      | green | left-left     | 0,10       |
| 102933      | green | straight-right | 3,00       | 102983      | green | left-left     | 0,15       |
| 102934      | green | straight-right | 3,50       | 102984      | green | left-left     | 0,20       |
| 102935      | green | straight-right | 4,00       | 102985      | green | left-left     | 0,25       |
| 102936      | green | straight-right | 5,00       | 102986      | green | left-left     | 0,40       |
| 102937      | green | straight-right | 7,50       | 102987      | green | left-left     | 0,50       |
| 102938      | green | straight-right | 10,00      | 102988      | green | left-left     | 0,75       |
| 102939      | green | straight-right | 15,00      | 102989      | green | left-left     | 1,00       |
| 102940      | green | straight-right | 20,00      | 102990      | green | left-left     | 1,50       |
| 102941      | green | straight-right | 25,00      | 102991      | green | left-left     | 2,00       |
| 102942      | green | straight-up    | 0,10       | 102992      | green | left-left     | 2,50       |
| 102943      | green | straight-up    | 0,15       | 102993      | green | left-left     | 3,00       |
| 102944      | green | straight-up    | 0,20       | 102994      | green | left-left     | 3,50       |
| 102945      | green | straight-up    | 0,25       | 102995      | green | left-left     | 4,00       |
| 102946      | green | straight-up    | 0,40       | 102996      | green | left-left     | 5,00       |
| 102947      | green | straight-up    | 0,50       | 102997      | green | left-left     | 7,50       |
| 102948      | green | straight-up    | 0,75       | 102998      | green | left-left     | 10,00      |
| 102949      | green | straight-up    | 1,00       | 102999      | green | left-left     | 15,00      |
| 102950      | green | straight-up    | 1,50       | 103000      | green | left-left     | 20,00      |
| 102951      | green | straight-up    | 2,00       | 103001      | green | left-left     | 25,00      |

## PATCHCORD ANGLED F/UTP

| Item number | Color | Angle       | Length [m] | Item number | Color | Angle     | Length [m] |
|-------------|-------|-------------|------------|-------------|-------|-----------|------------|
| 103002      | green | right-right | 0,10       | 103052      | green | up-up     | 2,50       |
| 103003      | green | right-right | 0,15       | 103053      | green | up-up     | 3,00       |
| 103004      | green | right-right | 0,20       | 103054      | green | up-up     | 3,50       |
| 103005      | green | right-right | 0,25       | 103055      | green | up-up     | 4,00       |
| 103006      | green | right-right | 0,40       | 103056      | green | up-up     | 5,00       |
| 103007      | green | right-right | 0,50       | 103057      | green | up-up     | 7,50       |
| 103008      | green | right-right | 0,75       | 103058      | green | up-up     | 10,00      |
| 103009      | green | right-right | 1,00       | 103059      | green | up-up     | 15,00      |
| 103010      | green | right-right | 1,50       | 103060      | green | up-up     | 20,00      |
| 103011      | green | right-right | 2,00       | 103061      | green | up-up     | 25,00      |
| 103012      | green | right-right | 2,50       | 103062      | green | up-down   | 0,10       |
| 103013      | green | right-right | 3,00       | 103063      | green | up-down   | 0,15       |
| 103014      | green | right-right | 3,50       | 103064      | green | up-down   | 0,20       |
| 103015      | green | right-right | 4,00       | 103065      | green | up-down   | 0,25       |
| 103016      | green | right-right | 5,00       | 103066      | green | up-down   | 0,40       |
| 103017      | green | right-right | 7,50       | 103067      | green | up-down   | 0,50       |
| 103018      | green | right-right | 10,00      | 103068      | green | up-down   | 0,75       |
| 103019      | green | right-right | 15,00      | 103069      | green | up-down   | 1,00       |
| 103020      | green | right-right | 20,00      | 103070      | green | up-down   | 1,50       |
| 103021      | green | right-right | 25,00      | 103071      | green | up-down   | 2,00       |
| 103022      | green | left-right  | 0,10       | 103072      | green | up-down   | 2,50       |
| 103023      | green | left-right  | 0,15       | 103073      | green | up-down   | 3,00       |
| 103024      | green | left-right  | 0,20       | 103074      | green | up-down   | 3,50       |
| 103025      | green | left-right  | 0,25       | 103075      | green | up-down   | 4,00       |
| 103026      | green | left-right  | 0,40       | 103076      | green | up-down   | 5,00       |
| 103027      | green | left-right  | 0,50       | 103077      | green | up-down   | 7,50       |
| 103028      | green | left-right  | 0,75       | 103078      | green | up-down   | 10,00      |
| 103029      | green | left-right  | 1,00       | 103079      | green | up-down   | 15,00      |
| 103030      | green | left-right  | 1,50       | 103080      | green | up-down   | 20,00      |
| 103031      | green | left-right  | 2,00       | 103081      | green | up-down   | 25,00      |
| 103032      | green | left-right  | 2,50       | 103082      | green | down-down | 0,10       |
| 103033      | green | left-right  | 3,00       | 103083      | green | down-down | 0,15       |
| 103034      | green | left-right  | 3,50       | 103084      | green | down-down | 0,20       |
| 103035      | green | left-right  | 4,00       | 103085      | green | down-down | 0,25       |
| 103036      | green | left-right  | 5,00       | 103086      | green | down-down | 0,40       |
| 103037      | green | left-right  | 7,50       | 103087      | green | down-down | 0,50       |
| 103038      | green | left-right  | 10,00      | 103088      | green | down-down | 0,75       |
| 103039      | green | left-right  | 15,00      | 103089      | green | down-down | 1,00       |
| 103040      | green | left-right  | 20,00      | 103090      | green | down-down | 1,50       |
| 103041      | green | left-right  | 25,00      | 103091      | green | down-down | 2,00       |
| 103042      | green | up-up       | 0,10       | 103092      | green | down-down | 2,50       |
| 103043      | green | up-up       | 0,15       | 103093      | green | down-down | 3,00       |
| 103044      | green | up-up       | 0,20       | 103094      | green | down-down | 3,50       |
| 103045      | green | up-up       | 0,25       | 103095      | green | down-down | 4,00       |
| 103046      | green | up-up       | 0,40       | 103096      | green | down-down | 5,00       |
| 103047      | green | up-up       | 0,50       | 103097      | green | down-down | 7,50       |
| 103048      | green | up-up       | 0,75       | 103098      | green | down-down | 10,00      |
| 103049      | green | up-up       | 1,00       | 103099      | green | down-down | 15,00      |
| 103050      | green | up-up       | 1,50       | 103100      | green | down-down | 20,00      |
| 103051      | green | up-up       | 2,00       | 103101      | green | down-down | 25,00      |

## PATCHCORD ANGLED F/UTP

| Item number | Color | Angle             | Length [m] | Item number | Color | Angle             | Length [m] |
|-------------|-------|-------------------|------------|-------------|-------|-------------------|------------|
| 103161      | green | straight-straight | 0,10       | 103154      | green | straight-straight | 1,00       |
| 103160      | green | straight-straight | 0,15       | 103151      | green | straight-straight | 2,50       |
| 103158      | green | straight-straight | 0,25       | 103143      | green | straight-straight | 20,00      |
| 103159      | green | straight-straight | 0,20       | 103142      | green | straight-straight | 25,00      |
| 103157      | green | straight-straight | 0,40       | 103152      | green | straight-straight | 2,00       |
| 103156      | green | straight-straight | 0,50       | 103149      | green | straight-straight | 3,50       |
| 103155      | green | straight-straight | 0,75       | 103150      | green | straight-straight | 3,00       |
| 103153      | green | straight-straight | 1,50       | 103148      | green | straight-straight | 4,00       |
| 103145      | green | straight-straight | 10,00      | 103147      | green | straight-straight | 5,00       |
| 103144      | green | straight-straight | 15,00      | 103146      | green | straight-straight | 7,50       |

## PATCHCORD ANGLED F/UTP

| Item number | Color  | Angle          | Length [m] | Item number | Color  | Angle         | Length [m] |
|-------------|--------|----------------|------------|-------------|--------|---------------|------------|
| 102702      | yellow | straight-left  | 0,10       | 102752      | yellow | straight-up   | 2,50       |
| 102703      | yellow | straight-left  | 0,15       | 102753      | yellow | straight-up   | 3,00       |
| 102704      | yellow | straight-left  | 0,20       | 102754      | yellow | straight-up   | 3,50       |
| 102705      | yellow | straight-left  | 0,25       | 102755      | yellow | straight-up   | 4,00       |
| 102706      | yellow | straight-left  | 0,40       | 102756      | yellow | straight-up   | 5,00       |
| 102707      | yellow | straight-left  | 0,50       | 102757      | yellow | straight-up   | 7,50       |
| 102708      | yellow | straight-left  | 0,75       | 102758      | yellow | straight-up   | 10,00      |
| 102709      | yellow | straight-left  | 1,00       | 102759      | yellow | straight-up   | 15,00      |
| 102710      | yellow | straight-left  | 1,50       | 102760      | yellow | straight-up   | 20,00      |
| 102711      | yellow | straight-left  | 2,00       | 102761      | yellow | straight-up   | 25,00      |
| 102712      | yellow | straight-left  | 2,50       | 102762      | yellow | straight-down | 0,10       |
| 102713      | yellow | straight-left  | 3,00       | 102763      | yellow | straight-down | 0,15       |
| 102714      | yellow | straight-left  | 3,50       | 102764      | yellow | straight-down | 0,20       |
| 102715      | yellow | straight-left  | 4,00       | 102765      | yellow | straight-down | 0,25       |
| 102716      | yellow | straight-left  | 5,00       | 102766      | yellow | straight-down | 0,40       |
| 102717      | yellow | straight-left  | 7,50       | 102767      | yellow | straight-down | 0,50       |
| 102718      | yellow | straight-left  | 10,00      | 102768      | yellow | straight-down | 0,75       |
| 102719      | yellow | straight-left  | 15,00      | 102769      | yellow | straight-down | 1,00       |
| 102720      | yellow | straight-left  | 20,00      | 102770      | yellow | straight-down | 1,50       |
| 102721      | yellow | straight-left  | 25,00      | 102771      | yellow | straight-down | 2,00       |
| 102722      | yellow | straight-right | 0,10       | 102772      | yellow | straight-down | 2,50       |
| 102723      | yellow | straight-right | 0,15       | 102773      | yellow | straight-down | 3,00       |
| 102724      | yellow | straight-right | 0,20       | 102774      | yellow | straight-down | 3,50       |
| 102725      | yellow | straight-right | 0,25       | 102775      | yellow | straight-down | 4,00       |
| 102726      | yellow | straight-right | 0,40       | 102776      | yellow | straight-down | 5,00       |
| 102727      | yellow | straight-right | 0,50       | 102777      | yellow | straight-down | 7,50       |
| 102728      | yellow | straight-right | 0,75       | 102778      | yellow | straight-down | 10,00      |
| 102729      | yellow | straight-right | 1,00       | 102779      | yellow | straight-down | 15,00      |
| 102730      | yellow | straight-right | 1,50       | 102780      | yellow | straight-down | 20,00      |
| 102731      | yellow | straight-right | 2,00       | 102781      | yellow | straight-down | 25,00      |
| 102732      | yellow | straight-right | 2,50       | 102782      | yellow | left-left     | 0,10       |
| 102733      | yellow | straight-right | 3,00       | 102783      | yellow | left-left     | 0,15       |
| 102734      | yellow | straight-right | 3,50       | 102784      | yellow | left-left     | 0,20       |
| 102735      | yellow | straight-right | 4,00       | 102785      | yellow | left-left     | 0,25       |
| 102736      | yellow | straight-right | 5,00       | 102786      | yellow | left-left     | 0,40       |
| 102737      | yellow | straight-right | 7,50       | 102787      | yellow | left-left     | 0,50       |
| 102738      | yellow | straight-right | 10,00      | 102788      | yellow | left-left     | 0,75       |
| 102739      | yellow | straight-right | 15,00      | 102789      | yellow | left-left     | 1,00       |
| 102740      | yellow | straight-right | 20,00      | 102790      | yellow | left-left     | 1,50       |
| 102741      | yellow | straight-right | 25,00      | 102791      | yellow | left-left     | 2,00       |
| 102742      | yellow | straight-up    | 0,10       | 102792      | yellow | left-left     | 2,50       |
| 102743      | yellow | straight-up    | 0,15       | 102793      | yellow | left-left     | 3,00       |
| 102744      | yellow | straight-up    | 0,20       | 102794      | yellow | left-left     | 3,50       |
| 102745      | yellow | straight-up    | 0,25       | 102795      | yellow | left-left     | 4,00       |
| 102746      | yellow | straight-up    | 0,40       | 102796      | yellow | left-left     | 5,00       |
| 102747      | yellow | straight-up    | 0,50       | 102797      | yellow | left-left     | 7,50       |
| 102748      | yellow | straight-up    | 0,75       | 102798      | yellow | left-left     | 10,00      |
| 102749      | yellow | straight-up    | 1,00       | 102799      | yellow | left-left     | 15,00      |
| 102750      | yellow | straight-up    | 1,50       | 102800      | yellow | left-left     | 20,00      |
| 102751      | yellow | straight-up    | 2,00       | 102801      | yellow | left-left     | 25,00      |

## PATCHCORD ANGLED F/UTP

| Item number | Color  | Angle       | Length [m] | Item number | Color  | Angle     | Length [m] |
|-------------|--------|-------------|------------|-------------|--------|-----------|------------|
| 102802      | yellow | right-right | 0,10       | 102852      | yellow | up-up     | 2,50       |
| 102803      | yellow | right-right | 0,15       | 102853      | yellow | up-up     | 3,00       |
| 102804      | yellow | right-right | 0,20       | 102854      | yellow | up-up     | 3,50       |
| 102805      | yellow | right-right | 0,25       | 102855      | yellow | up-up     | 4,00       |
| 102806      | yellow | right-right | 0,40       | 102856      | yellow | up-up     | 5,00       |
| 102807      | yellow | right-right | 0,50       | 102857      | yellow | up-up     | 7,50       |
| 102808      | yellow | right-right | 0,75       | 102858      | yellow | up-up     | 10,00      |
| 102809      | yellow | right-right | 1,00       | 102859      | yellow | up-up     | 15,00      |
| 102810      | yellow | right-right | 1,50       | 102860      | yellow | up-up     | 20,00      |
| 102811      | yellow | right-right | 2,00       | 102861      | yellow | up-up     | 25,00      |
| 102812      | yellow | right-right | 2,50       | 102862      | yellow | up-down   | 0,10       |
| 102813      | yellow | right-right | 3,00       | 102863      | yellow | up-down   | 0,15       |
| 102814      | yellow | right-right | 3,50       | 102864      | yellow | up-down   | 0,20       |
| 102815      | yellow | right-right | 4,00       | 102865      | yellow | up-down   | 0,25       |
| 102816      | yellow | right-right | 5,00       | 102866      | yellow | up-down   | 0,40       |
| 102817      | yellow | right-right | 7,50       | 102867      | yellow | up-down   | 0,50       |
| 102818      | yellow | right-right | 10,00      | 102868      | yellow | up-down   | 0,75       |
| 102819      | yellow | right-right | 15,00      | 102869      | yellow | up-down   | 1,00       |
| 102820      | yellow | right-right | 20,00      | 102870      | yellow | up-down   | 1,50       |
| 102821      | yellow | right-right | 25,00      | 102871      | yellow | up-down   | 2,00       |
| 102822      | yellow | left-right  | 0,10       | 102872      | yellow | up-down   | 2,50       |
| 102823      | yellow | left-right  | 0,15       | 102873      | yellow | up-down   | 3,00       |
| 102824      | yellow | left-right  | 0,20       | 102874      | yellow | up-down   | 3,50       |
| 102825      | yellow | left-right  | 0,25       | 102875      | yellow | up-down   | 4,00       |
| 102826      | yellow | left-right  | 0,40       | 102876      | yellow | up-down   | 5,00       |
| 102827      | yellow | left-right  | 0,50       | 102877      | yellow | up-down   | 7,50       |
| 102828      | yellow | left-right  | 0,75       | 102878      | yellow | up-down   | 10,00      |
| 102829      | yellow | left-right  | 1,00       | 102879      | yellow | up-down   | 15,00      |
| 102830      | yellow | left-right  | 1,50       | 102880      | yellow | up-down   | 20,00      |
| 102831      | yellow | left-right  | 2,00       | 102881      | yellow | up-down   | 25,00      |
| 102832      | yellow | left-right  | 2,50       | 102882      | yellow | down-down | 0,10       |
| 102833      | yellow | left-right  | 3,00       | 102883      | yellow | down-down | 0,15       |
| 102834      | yellow | left-right  | 3,50       | 102884      | yellow | down-down | 0,20       |
| 102835      | yellow | left-right  | 4,00       | 102885      | yellow | down-down | 0,25       |
| 102836      | yellow | left-right  | 5,00       | 102886      | yellow | down-down | 0,40       |
| 102837      | yellow | left-right  | 7,50       | 102887      | yellow | down-down | 0,50       |
| 102838      | yellow | left-right  | 10,00      | 102888      | yellow | down-down | 0,75       |
| 102839      | yellow | left-right  | 15,00      | 102889      | yellow | down-down | 1,00       |
| 102840      | yellow | left-right  | 20,00      | 102890      | yellow | down-down | 1,50       |
| 102841      | yellow | left-right  | 25,00      | 102891      | yellow | down-down | 2,00       |
| 102842      | yellow | up-up       | 0,10       | 102892      | yellow | down-down | 2,50       |
| 102843      | yellow | up-up       | 0,15       | 102893      | yellow | down-down | 3,00       |
| 102844      | yellow | up-up       | 0,20       | 102894      | yellow | down-down | 3,50       |
| 102845      | yellow | up-up       | 0,25       | 102895      | yellow | down-down | 4,00       |
| 102846      | yellow | up-up       | 0,40       | 102896      | yellow | down-down | 5,00       |
| 102847      | yellow | up-up       | 0,50       | 102897      | yellow | down-down | 7,50       |
| 102848      | yellow | up-up       | 0,75       | 102898      | yellow | down-down | 10,00      |
| 102849      | yellow | up-up       | 1,00       | 102899      | yellow | down-down | 15,00      |
| 102850      | yellow | up-up       | 1,50       | 102900      | yellow | down-down | 20,00      |
| 102851      | yellow | up-up       | 2,00       | 102901      | yellow | down-down | 25,00      |

## PATCHCORD ANGLED F/UTP

| Item number | Color  | Angle             | Length [m] | Item number | Color  | Angle             | Length [m] |
|-------------|--------|-------------------|------------|-------------|--------|-------------------|------------|
| 103201      | yellow | straight-straight | 0,10       | 103191      | yellow | straight-straight | 2,50       |
| 103200      | yellow | straight-straight | 0,15       | 103190      | yellow | straight-straight | 3,00       |
| 103199      | yellow | straight-straight | 0,20       | 103189      | yellow | straight-straight | 3,50       |
| 103198      | yellow | straight-straight | 0,25       | 103188      | yellow | straight-straight | 4,00       |
| 103197      | yellow | straight-straight | 0,40       | 103187      | yellow | straight-straight | 5,00       |
| 103196      | yellow | straight-straight | 0,50       | 103186      | yellow | straight-straight | 7,50       |
| 103195      | yellow | straight-straight | 0,75       | 103185      | yellow | straight-straight | 10,00      |
| 103194      | yellow | straight-straight | 1,00       | 103184      | yellow | straight-straight | 15,00      |
| 103193      | yellow | straight-straight | 1,50       | 103183      | yellow | straight-straight | 20,00      |
| 103192      | yellow | straight-straight | 2,00       | 103182      | yellow | straight-straight | 25,00      |



## PATCHCORD ANGLED F/UTP

| Item number | Color | Angle          | Length [m] | Item number | Color | Angle         | Length [m] |
|-------------|-------|----------------|------------|-------------|-------|---------------|------------|
| 102502      | red   | straight-left  | 0,10       | 102552      | red   | straight-up   | 2,50       |
| 102503      | red   | straight-left  | 0,15       | 102553      | red   | straight-up   | 3,00       |
| 102504      | red   | straight-left  | 0,20       | 102554      | red   | straight-up   | 3,50       |
| 102505      | red   | straight-left  | 0,25       | 102555      | red   | straight-up   | 4,00       |
| 102506      | red   | straight-left  | 0,40       | 102556      | red   | straight-up   | 5,00       |
| 102507      | red   | straight-left  | 0,50       | 102557      | red   | straight-up   | 7,50       |
| 102508      | red   | straight-left  | 0,75       | 102558      | red   | straight-up   | 10,00      |
| 102509      | red   | straight-left  | 1,00       | 102559      | red   | straight-up   | 15,00      |
| 102510      | red   | straight-left  | 1,50       | 102560      | red   | straight-up   | 20,00      |
| 102511      | red   | straight-left  | 2,00       | 102561      | red   | straight-up   | 25,00      |
| 102512      | red   | straight-left  | 2,50       | 102562      | red   | straight-down | 0,10       |
| 102513      | red   | straight-left  | 3,00       | 102563      | red   | straight-down | 0,15       |
| 102514      | red   | straight-left  | 3,50       | 102564      | red   | straight-down | 0,20       |
| 102515      | red   | straight-left  | 4,00       | 102565      | red   | straight-down | 0,25       |
| 102516      | red   | straight-left  | 5,00       | 102566      | red   | straight-down | 0,40       |
| 102517      | red   | straight-left  | 7,50       | 102567      | red   | straight-down | 0,50       |
| 102518      | red   | straight-left  | 10,00      | 102568      | red   | straight-down | 0,75       |
| 102519      | red   | straight-left  | 15,00      | 102569      | red   | straight-down | 1,00       |
| 102520      | red   | straight-left  | 20,00      | 102570      | red   | straight-down | 1,50       |
| 102521      | red   | straight-left  | 25,00      | 102571      | red   | straight-down | 2,00       |
| 102522      | red   | straight-right | 0,10       | 102572      | red   | straight-down | 2,50       |
| 102523      | red   | straight-right | 0,15       | 102573      | red   | straight-down | 3,00       |
| 102524      | red   | straight-right | 0,20       | 102574      | red   | straight-down | 3,50       |
| 102525      | red   | straight-right | 0,25       | 102575      | red   | straight-down | 4,00       |
| 102526      | red   | straight-right | 0,40       | 102576      | red   | straight-down | 5,00       |
| 102527      | red   | straight-right | 0,50       | 102577      | red   | straight-down | 7,50       |
| 102528      | red   | straight-right | 0,75       | 102578      | red   | straight-down | 10,00      |
| 102529      | red   | straight-right | 1,00       | 102579      | red   | straight-down | 15,00      |
| 102530      | red   | straight-right | 1,50       | 102580      | red   | straight-down | 20,00      |
| 102531      | red   | straight-right | 2,00       | 102581      | red   | straight-down | 25,00      |
| 102532      | red   | straight-right | 2,50       | 102582      | red   | left-left     | 0,10       |
| 102533      | red   | straight-right | 3,00       | 102583      | red   | left-left     | 0,15       |
| 102534      | red   | straight-right | 3,50       | 102584      | red   | left-left     | 0,20       |
| 102535      | red   | straight-right | 4,00       | 102585      | red   | left-left     | 0,25       |
| 102536      | red   | straight-right | 5,00       | 102586      | red   | left-left     | 0,40       |
| 102537      | red   | straight-right | 7,50       | 102587      | red   | left-left     | 0,50       |
| 102538      | red   | straight-right | 10,00      | 102588      | red   | left-left     | 0,75       |
| 102539      | red   | straight-right | 15,00      | 102589      | red   | left-left     | 1,00       |
| 102540      | red   | straight-right | 20,00      | 102590      | red   | left-left     | 1,50       |
| 102541      | red   | straight-right | 25,00      | 102591      | red   | left-left     | 2,00       |
| 102542      | red   | straight-up    | 0,10       | 102592      | red   | left-left     | 2,50       |
| 102543      | red   | straight-up    | 0,15       | 102593      | red   | left-left     | 3,00       |
| 102544      | red   | straight-up    | 0,20       | 102594      | red   | left-left     | 3,50       |
| 102545      | red   | straight-up    | 0,25       | 102595      | red   | left-left     | 4,00       |
| 102546      | red   | straight-up    | 0,40       | 102596      | red   | left-left     | 5,00       |
| 102547      | red   | straight-up    | 0,50       | 102597      | red   | left-left     | 7,50       |
| 102548      | red   | straight-up    | 0,75       | 102598      | red   | left-left     | 10,00      |
| 102549      | red   | straight-up    | 1,00       | 102599      | red   | left-left     | 15,00      |
| 102550      | red   | straight-up    | 1,50       | 102600      | red   | left-left     | 20,00      |
| 102551      | red   | straight-up    | 2,00       | 102601      | red   | left-left     | 25,00      |



## PATCHCORD ANGLED F/UTP

| Item number | Color | Angle       | Length [m] | Item number | Color | Angle     | Length [m] |
|-------------|-------|-------------|------------|-------------|-------|-----------|------------|
| 102602      | red   | right-right | 0,10       | 102652      | red   | up-up     | 2,50       |
| 102603      | red   | right-right | 0,15       | 102653      | red   | up-up     | 3,00       |
| 102604      | red   | right-right | 0,20       | 102654      | red   | up-up     | 3,50       |
| 102605      | red   | right-right | 0,25       | 102655      | red   | up-up     | 4,00       |
| 102606      | red   | right-right | 0,40       | 102656      | red   | up-up     | 5,00       |
| 102607      | red   | right-right | 0,50       | 102657      | red   | up-up     | 7,50       |
| 102608      | red   | right-right | 0,75       | 102658      | red   | up-up     | 10,00      |
| 102609      | red   | right-right | 1,00       | 102659      | red   | up-up     | 15,00      |
| 102610      | red   | right-right | 1,50       | 102660      | red   | up-up     | 20,00      |
| 102611      | red   | right-right | 2,00       | 102661      | red   | up-up     | 25,00      |
| 102612      | red   | right-right | 2,50       | 102662      | red   | up-down   | 0,10       |
| 102613      | red   | right-right | 3,00       | 102663      | red   | up-down   | 0,15       |
| 102614      | red   | right-right | 3,50       | 102664      | red   | up-down   | 0,20       |
| 102615      | red   | right-right | 4,00       | 102665      | red   | up-down   | 0,25       |
| 102616      | red   | right-right | 5,00       | 102666      | red   | up-down   | 0,40       |
| 102617      | red   | right-right | 7,50       | 102667      | red   | up-down   | 0,50       |
| 102618      | red   | right-right | 10,00      | 102668      | red   | up-down   | 0,75       |
| 102619      | red   | right-right | 15,00      | 102669      | red   | up-down   | 1,00       |
| 102620      | red   | right-right | 20,00      | 102670      | red   | up-down   | 1,50       |
| 102621      | red   | right-right | 25,00      | 102671      | red   | up-down   | 2,00       |
| 102622      | red   | left-right  | 0,10       | 102672      | red   | up-down   | 2,50       |
| 102623      | red   | left-right  | 0,15       | 102673      | red   | up-down   | 3,00       |
| 102624      | red   | left-right  | 0,20       | 102674      | red   | up-down   | 3,50       |
| 102625      | red   | left-right  | 0,25       | 102675      | red   | up-down   | 4,00       |
| 102626      | red   | left-right  | 0,40       | 102676      | red   | up-down   | 5,00       |
| 102627      | red   | left-right  | 0,50       | 102677      | red   | up-down   | 7,50       |
| 102628      | red   | left-right  | 0,75       | 102678      | red   | up-down   | 10,00      |
| 102629      | red   | left-right  | 1,00       | 102679      | red   | up-down   | 15,00      |
| 102630      | red   | left-right  | 1,50       | 102680      | red   | up-down   | 20,00      |
| 102631      | red   | left-right  | 2,00       | 102681      | red   | up-down   | 25,00      |
| 102632      | red   | left-right  | 2,50       | 102682      | red   | down-down | 0,10       |
| 102633      | red   | left-right  | 3,00       | 102683      | red   | down-down | 0,15       |
| 102634      | red   | left-right  | 3,50       | 102684      | red   | down-down | 0,20       |
| 102635      | red   | left-right  | 4,00       | 102685      | red   | down-down | 0,25       |
| 102636      | red   | left-right  | 5,00       | 102686      | red   | down-down | 0,40       |
| 102637      | red   | left-right  | 7,50       | 102687      | red   | down-down | 0,50       |
| 102638      | red   | left-right  | 10,00      | 102688      | red   | down-down | 0,75       |
| 102639      | red   | left-right  | 15,00      | 102689      | red   | down-down | 1,00       |
| 102640      | red   | left-right  | 20,00      | 102690      | red   | down-down | 1,50       |
| 102641      | red   | left-right  | 25,00      | 102691      | red   | down-down | 2,00       |
| 102642      | red   | up-up       | 0,10       | 102692      | red   | down-down | 2,50       |
| 102643      | red   | up-up       | 0,15       | 102693      | red   | down-down | 3,00       |
| 102644      | red   | up-up       | 0,20       | 102694      | red   | down-down | 3,50       |
| 102645      | red   | up-up       | 0,25       | 102695      | red   | down-down | 4,00       |
| 102646      | red   | up-up       | 0,40       | 102696      | red   | down-down | 5,00       |
| 102647      | red   | up-up       | 0,50       | 102697      | red   | down-down | 7,50       |
| 102648      | red   | up-up       | 0,75       | 102698      | red   | down-down | 10,00      |
| 102649      | red   | up-up       | 1,00       | 102699      | red   | down-down | 15,00      |
| 102650      | red   | up-up       | 1,50       | 102700      | red   | down-down | 20,00      |
| 102651      | red   | up-up       | 2,00       | 102701      | red   | down-down | 25,00      |



## PATCHCORD ANGLED F/UTP

| Item number | Color | Angle             | Length [m] | Item number | Color | Angle             | Length [m] |
|-------------|-------|-------------------|------------|-------------|-------|-------------------|------------|
| 103141      | red   | straight-straight | 0,10       | 103131      | red   | straight-straight | 2,50       |
| 103140      | red   | straight-straight | 0,15       | 103130      | red   | straight-straight | 3,00       |
| 103139      | red   | straight-straight | 0,20       | 103129      | red   | straight-straight | 3,50       |
| 103138      | red   | straight-straight | 0,25       | 103128      | red   | straight-straight | 4,00       |
| 103137      | red   | straight-straight | 0,40       | 103127      | red   | straight-straight | 5,00       |
| 103136      | red   | straight-straight | 0,50       | 103126      | red   | straight-straight | 7,50       |
| 103135      | red   | straight-straight | 0,75       | 103125      | red   | straight-straight | 10,00      |
| 103134      | red   | straight-straight | 1,00       | 103124      | red   | straight-straight | 15,00      |
| 103133      | red   | straight-straight | 1,50       | 103123      | red   | straight-straight | 20,00      |
| 103132      | red   | straight-straight | 2,00       | 103122      | red   | straight-straight | 25,00      |

## PATCHCORD ANGLED F/UTP

| Item number | Color | Angle          | Length [m] | Item number | Color | Angle         | Length [m] |
|-------------|-------|----------------|------------|-------------|-------|---------------|------------|
| 102302      | blue  | straight-left  | 0,10       | 102352      | blue  | straight-up   | 2,50       |
| 102303      | blue  | straight-left  | 0,15       | 102353      | blue  | straight-up   | 3,00       |
| 102304      | blue  | straight-left  | 0,20       | 102354      | blue  | straight-up   | 3,50       |
| 102305      | blue  | straight-left  | 0,25       | 102355      | blue  | straight-up   | 4,00       |
| 102306      | blue  | straight-left  | 0,40       | 102356      | blue  | straight-up   | 5,00       |
| 102307      | blue  | straight-left  | 0,50       | 102357      | blue  | straight-up   | 7,50       |
| 102308      | blue  | straight-left  | 0,75       | 102358      | blue  | straight-up   | 10,00      |
| 102309      | blue  | straight-left  | 1,00       | 102359      | blue  | straight-up   | 15,00      |
| 102310      | blue  | straight-left  | 1,50       | 102360      | blue  | straight-up   | 20,00      |
| 102311      | blue  | straight-left  | 2,00       | 102361      | blue  | straight-up   | 25,00      |
| 102312      | blue  | straight-left  | 2,50       | 102362      | blue  | straight-down | 0,10       |
| 102313      | blue  | straight-left  | 3,00       | 102363      | blue  | straight-down | 0,15       |
| 102314      | blue  | straight-left  | 3,50       | 102364      | blue  | straight-down | 0,20       |
| 102315      | blue  | straight-left  | 4,00       | 102365      | blue  | straight-down | 0,25       |
| 102316      | blue  | straight-left  | 5,00       | 102366      | blue  | straight-down | 0,40       |
| 102317      | blue  | straight-left  | 7,50       | 102367      | blue  | straight-down | 0,50       |
| 102318      | blue  | straight-left  | 10,00      | 102368      | blue  | straight-down | 0,75       |
| 102319      | blue  | straight-left  | 15,00      | 102369      | blue  | straight-down | 1,00       |
| 102320      | blue  | straight-left  | 20,00      | 102370      | blue  | straight-down | 1,50       |
| 102321      | blue  | straight-left  | 25,00      | 102371      | blue  | straight-down | 2,00       |
| 102322      | blue  | straight-right | 0,10       | 102372      | blue  | straight-down | 2,50       |
| 102323      | blue  | straight-right | 0,15       | 102373      | blue  | straight-down | 3,00       |
| 102324      | blue  | straight-right | 0,20       | 102374      | blue  | straight-down | 3,50       |
| 102325      | blue  | straight-right | 0,25       | 102375      | blue  | straight-down | 4,00       |
| 102326      | blue  | straight-right | 0,40       | 102376      | blue  | straight-down | 5,00       |
| 102327      | blue  | straight-right | 0,50       | 102377      | blue  | straight-down | 7,50       |
| 102328      | blue  | straight-right | 0,75       | 102378      | blue  | straight-down | 10,00      |
| 102329      | blue  | straight-right | 1,00       | 102379      | blue  | straight-down | 15,00      |
| 102330      | blue  | straight-right | 1,50       | 102380      | blue  | straight-down | 20,00      |
| 102331      | blue  | straight-right | 2,00       | 102381      | blue  | straight-down | 25,00      |
| 102332      | blue  | straight-right | 2,50       | 102382      | blue  | left-left     | 0,10       |
| 102333      | blue  | straight-right | 3,00       | 102383      | blue  | left-left     | 0,15       |
| 102334      | blue  | straight-right | 3,50       | 102384      | blue  | left-left     | 0,20       |
| 102335      | blue  | straight-right | 4,00       | 102385      | blue  | left-left     | 0,25       |
| 102336      | blue  | straight-right | 5,00       | 102386      | blue  | left-left     | 0,40       |
| 102337      | blue  | straight-right | 7,50       | 102387      | blue  | left-left     | 0,50       |
| 102338      | blue  | straight-right | 10,00      | 102388      | blue  | left-left     | 0,75       |
| 102339      | blue  | straight-right | 15,00      | 102389      | blue  | left-left     | 1,00       |
| 102340      | blue  | straight-right | 20,00      | 102390      | blue  | left-left     | 1,50       |
| 102341      | blue  | straight-right | 25,00      | 102391      | blue  | left-left     | 2,00       |
| 102342      | blue  | straight-up    | 0,10       | 102392      | blue  | left-left     | 2,50       |
| 102343      | blue  | straight-up    | 0,15       | 102393      | blue  | left-left     | 3,00       |
| 102344      | blue  | straight-up    | 0,20       | 102394      | blue  | left-left     | 3,50       |
| 102345      | blue  | straight-up    | 0,25       | 102395      | blue  | left-left     | 4,00       |
| 102346      | blue  | straight-up    | 0,40       | 102396      | blue  | left-left     | 5,00       |
| 102347      | blue  | straight-up    | 0,50       | 102397      | blue  | left-left     | 7,50       |
| 102348      | blue  | straight-up    | 0,75       | 102398      | blue  | left-left     | 10,00      |
| 102349      | blue  | straight-up    | 1,00       | 102399      | blue  | left-left     | 15,00      |
| 102350      | blue  | straight-up    | 1,50       | 102400      | blue  | left-left     | 20,00      |
| 102351      | blue  | straight-up    | 2,00       | 102401      | blue  | left-left     | 25,00      |

## PATCHCORD ANGLED F/UTP

| Item number | Color | Angle       | Lenght [m] | Item number | Color | Angle     | Lenght [m] |
|-------------|-------|-------------|------------|-------------|-------|-----------|------------|
| 102402      | blue  | right-right | 0,10       | 102452      | blue  | up-up     | 2,50       |
| 102403      | blue  | right-right | 0,15       | 102453      | blue  | up-up     | 3,00       |
| 102404      | blue  | right-right | 0,20       | 102454      | blue  | up-up     | 3,50       |
| 102405      | blue  | right-right | 0,25       | 102455      | blue  | up-up     | 4,00       |
| 102406      | blue  | right-right | 0,40       | 102456      | blue  | up-up     | 5,00       |
| 102407      | blue  | right-right | 0,50       | 102457      | blue  | up-up     | 7,50       |
| 102408      | blue  | right-right | 0,75       | 102458      | blue  | up-up     | 10,00      |
| 102409      | blue  | right-right | 1,00       | 102459      | blue  | up-up     | 15,00      |
| 102410      | blue  | right-right | 1,50       | 102460      | blue  | up-up     | 20,00      |
| 102411      | blue  | right-right | 2,00       | 102461      | blue  | up-up     | 25,00      |
| 102412      | blue  | right-right | 2,50       | 102462      | blue  | up-down   | 0,10       |
| 102413      | blue  | right-right | 3,00       | 102463      | blue  | up-down   | 0,15       |
| 102414      | blue  | right-right | 3,50       | 102464      | blue  | up-down   | 0,20       |
| 102415      | blue  | right-right | 4,00       | 102465      | blue  | up-down   | 0,25       |
| 102416      | blue  | right-right | 5,00       | 102466      | blue  | up-down   | 0,40       |
| 102417      | blue  | right-right | 7,50       | 102467      | blue  | up-down   | 0,50       |
| 102418      | blue  | right-right | 10,00      | 102468      | blue  | up-down   | 0,75       |
| 102419      | blue  | right-right | 15,00      | 102469      | blue  | up-down   | 1,00       |
| 102420      | blue  | right-right | 20,00      | 102470      | blue  | up-down   | 1,50       |
| 102421      | blue  | right-right | 25,00      | 102471      | blue  | up-down   | 2,00       |
| 102422      | blue  | left-right  | 0,10       | 102472      | blue  | up-down   | 2,50       |
| 102423      | blue  | left-right  | 0,15       | 102473      | blue  | up-down   | 3,00       |
| 102424      | blue  | left-right  | 0,20       | 102474      | blue  | up-down   | 3,50       |
| 102425      | blue  | left-right  | 0,25       | 102475      | blue  | up-down   | 4,00       |
| 102426      | blue  | left-right  | 0,40       | 102476      | blue  | up-down   | 5,00       |
| 102427      | blue  | left-right  | 0,50       | 102477      | blue  | up-down   | 7,50       |
| 102428      | blue  | left-right  | 0,75       | 102478      | blue  | up-down   | 10,00      |
| 102429      | blue  | left-right  | 1,00       | 102479      | blue  | up-down   | 15,00      |
| 102430      | blue  | left-right  | 1,50       | 102480      | blue  | up-down   | 20,00      |
| 102431      | blue  | left-right  | 2,00       | 102481      | blue  | up-down   | 25,00      |
| 102432      | blue  | left-right  | 2,50       | 102482      | blue  | down-down | 0,10       |
| 102433      | blue  | left-right  | 3,00       | 102483      | blue  | down-down | 0,15       |
| 102434      | blue  | left-right  | 3,50       | 102484      | blue  | down-down | 0,20       |
| 102435      | blue  | left-right  | 4,00       | 102485      | blue  | down-down | 0,25       |
| 102436      | blue  | left-right  | 5,00       | 102486      | blue  | down-down | 0,40       |
| 102437      | blue  | left-right  | 7,50       | 102487      | blue  | down-down | 0,50       |
| 102438      | blue  | left-right  | 10,00      | 102488      | blue  | down-down | 0,75       |
| 102439      | blue  | left-right  | 15,00      | 102489      | blue  | down-down | 1,00       |
| 102440      | blue  | left-right  | 20,00      | 102490      | blue  | down-down | 1,50       |
| 102441      | blue  | left-right  | 25,00      | 102491      | blue  | down-down | 2,00       |
| 102442      | blue  | up-up       | 0,10       | 102492      | blue  | down-down | 2,50       |
| 102443      | blue  | up-up       | 0,15       | 102493      | blue  | down-down | 3,00       |
| 102444      | blue  | up-up       | 0,20       | 102494      | blue  | down-down | 3,50       |
| 102445      | blue  | up-up       | 0,25       | 102495      | blue  | down-down | 4,00       |
| 102446      | blue  | up-up       | 0,40       | 102496      | blue  | down-down | 5,00       |
| 102447      | blue  | up-up       | 0,50       | 102497      | blue  | down-down | 7,50       |
| 102448      | blue  | up-up       | 0,75       | 102498      | blue  | down-down | 10,00      |
| 102449      | blue  | up-up       | 1,00       | 102499      | blue  | down-down | 15,00      |
| 102450      | blue  | up-up       | 1,50       | 102500      | blue  | down-down | 20,00      |
| 102451      | blue  | up-up       | 2,00       | 102501      | blue  | down-down | 25,00      |

## PATCHCORD ANGLED F/UTP

| Item number | Color | Angle             | Length [m] | Item number | Color | Angle             | Length [m] |
|-------------|-------|-------------------|------------|-------------|-------|-------------------|------------|
| 103181      | blue  | straight-straight | 0,10       | 103171      | blue  | straight-straight | 2,50       |
| 103180      | blue  | straight-straight | 0,15       | 103170      | blue  | straight-straight | 3,00       |
| 103179      | blue  | straight-straight | 0,20       | 103169      | blue  | straight-straight | 3,50       |
| 103178      | blue  | straight-straight | 0,25       | 103168      | blue  | straight-straight | 4,00       |
| 103177      | blue  | straight-straight | 0,40       | 103167      | blue  | straight-straight | 5,00       |
| 103176      | blue  | straight-straight | 0,50       | 103166      | blue  | straight-straight | 7,50       |
| 103175      | blue  | straight-straight | 0,75       | 103165      | blue  | straight-straight | 10,00      |
| 103174      | blue  | straight-straight | 1,00       | 103164      | blue  | straight-straight | 15,00      |
| 103173      | blue  | straight-straight | 1,50       | 103163      | blue  | straight-straight | 20,00      |
| 103172      | blue  | straight-straight | 2,00       | 103162      | blue  | straight-straight | 25,00      |

## PATCHCORD ANGLED F/UTP

| Item number | Color | Angle          | Length [m] | Item number | Color | Angle         | Length [m] |
|-------------|-------|----------------|------------|-------------|-------|---------------|------------|
| 102102      | black | straight-left  | 0,10       | 102152      | black | straight-up   | 2,50       |
| 102103      | black | straight-left  | 0,15       | 102153      | black | straight-up   | 3,00       |
| 102104      | black | straight-left  | 0,20       | 102154      | black | straight-up   | 3,50       |
| 102105      | black | straight-left  | 0,25       | 102155      | black | straight-up   | 4,00       |
| 102106      | black | straight-left  | 0,40       | 102156      | black | straight-up   | 5,00       |
| 102107      | black | straight-left  | 0,50       | 102157      | black | straight-up   | 7,50       |
| 102108      | black | straight-left  | 0,75       | 102158      | black | straight-up   | 10,00      |
| 102109      | black | straight-left  | 1,00       | 102159      | black | straight-up   | 15,00      |
| 102110      | black | straight-left  | 1,50       | 102160      | black | straight-up   | 20,00      |
| 102111      | black | straight-left  | 2,00       | 102161      | black | straight-up   | 25,00      |
| 102112      | black | straight-left  | 2,50       | 102162      | black | straight-down | 0,10       |
| 102113      | black | straight-left  | 3,00       | 102163      | black | straight-down | 0,15       |
| 102114      | black | straight-left  | 3,50       | 102164      | black | straight-down | 0,20       |
| 102115      | black | straight-left  | 4,00       | 102165      | black | straight-down | 0,25       |
| 102116      | black | straight-left  | 5,00       | 102166      | black | straight-down | 0,40       |
| 102117      | black | straight-left  | 7,50       | 102167      | black | straight-down | 0,50       |
| 102118      | black | straight-left  | 10,00      | 102168      | black | straight-down | 0,75       |
| 102119      | black | straight-left  | 15,00      | 102169      | black | straight-down | 1,00       |
| 102120      | black | straight-left  | 20,00      | 102170      | black | straight-down | 1,50       |
| 102121      | black | straight-left  | 25,00      | 102171      | black | straight-down | 2,00       |
| 102122      | black | straight-right | 0,10       | 102172      | black | straight-down | 2,50       |
| 102123      | black | straight-right | 0,15       | 102173      | black | straight-down | 3,00       |
| 102124      | black | straight-right | 0,20       | 102174      | black | straight-down | 3,50       |
| 102125      | black | straight-right | 0,25       | 102175      | black | straight-down | 4,00       |
| 102126      | black | straight-right | 0,40       | 102176      | black | straight-down | 5,00       |
| 102127      | black | straight-right | 0,50       | 102177      | black | straight-down | 7,50       |
| 102128      | black | straight-right | 0,75       | 102178      | black | straight-down | 10,00      |
| 102129      | black | straight-right | 1,00       | 102179      | black | straight-down | 15,00      |
| 102130      | black | straight-right | 1,50       | 102180      | black | straight-down | 20,00      |
| 102131      | black | straight-right | 2,00       | 102181      | black | straight-down | 25,00      |
| 102132      | black | straight-right | 2,50       | 102182      | black | left-left     | 0,10       |
| 102133      | black | straight-right | 3,00       | 102183      | black | left-left     | 0,15       |
| 102134      | black | straight-right | 3,50       | 102184      | black | left-left     | 0,20       |
| 102135      | black | straight-right | 4,00       | 102185      | black | left-left     | 0,25       |
| 102136      | black | straight-right | 5,00       | 102186      | black | left-left     | 0,40       |
| 102137      | black | straight-right | 7,50       | 102187      | black | left-left     | 0,50       |
| 102138      | black | straight-right | 10,00      | 102188      | black | left-left     | 0,75       |
| 102139      | black | straight-right | 15,00      | 102189      | black | left-left     | 1,00       |
| 102140      | black | straight-right | 20,00      | 102190      | black | left-left     | 1,50       |
| 102141      | black | straight-right | 25,00      | 102191      | black | left-left     | 2,00       |
| 102142      | black | straight-up    | 0,10       | 102192      | black | left-left     | 2,50       |
| 102143      | black | straight-up    | 0,15       | 102193      | black | left-left     | 3,00       |
| 102144      | black | straight-up    | 0,20       | 102194      | black | left-left     | 3,50       |
| 102145      | black | straight-up    | 0,25       | 102195      | black | left-left     | 4,00       |
| 102146      | black | straight-up    | 0,40       | 102196      | black | left-left     | 5,00       |
| 102147      | black | straight-up    | 0,50       | 102197      | black | left-left     | 7,50       |
| 102148      | black | straight-up    | 0,75       | 102198      | black | left-left     | 10,00      |
| 102149      | black | straight-up    | 1,00       | 102199      | black | left-left     | 15,00      |
| 102150      | black | straight-up    | 1,50       | 102200      | black | left-left     | 20,00      |
| 102151      | black | straight-up    | 2,00       | 102201      | black | left-left     | 25,00      |

## PATCHCORD ANGLED F/UTP

| Item number | Color | Angle       | Length [m] | Item number | Color | Angle     | Length [m] |
|-------------|-------|-------------|------------|-------------|-------|-----------|------------|
| 102202      | black | right-right | 0,10       | 102252      | black | up-up     | 2,50       |
| 102203      | black | right-right | 0,15       | 102253      | black | up-up     | 3,00       |
| 102204      | black | right-right | 0,20       | 102254      | black | up-up     | 3,50       |
| 102205      | black | right-right | 0,25       | 102255      | black | up-up     | 4,00       |
| 102206      | black | right-right | 0,40       | 102256      | black | up-up     | 5,00       |
| 102207      | black | right-right | 0,50       | 102257      | black | up-up     | 7,50       |
| 102208      | black | right-right | 0,75       | 102258      | black | up-up     | 10,00      |
| 102209      | black | right-right | 1,00       | 102259      | black | up-up     | 15,00      |
| 102210      | black | right-right | 1,50       | 102260      | black | up-up     | 20,00      |
| 102211      | black | right-right | 2,00       | 102261      | black | up-up     | 25,00      |
| 102212      | black | right-right | 2,50       | 102262      | black | up-down   | 0,10       |
| 102213      | black | right-right | 3,00       | 102263      | black | up-down   | 0,15       |
| 102214      | black | right-right | 3,50       | 102264      | black | up-down   | 0,20       |
| 102215      | black | right-right | 4,00       | 102265      | black | up-down   | 0,25       |
| 102216      | black | right-right | 5,00       | 102266      | black | up-down   | 0,40       |
| 102217      | black | right-right | 7,50       | 102267      | black | up-down   | 0,50       |
| 102218      | black | right-right | 10,00      | 102268      | black | up-down   | 0,75       |
| 102219      | black | right-right | 15,00      | 102269      | black | up-down   | 1,00       |
| 102220      | black | right-right | 20,00      | 102270      | black | up-down   | 1,50       |
| 102221      | black | right-right | 25,00      | 102271      | black | up-down   | 2,00       |
| 102222      | black | left-right  | 0,10       | 102272      | black | up-down   | 2,50       |
| 102223      | black | left-right  | 0,15       | 102273      | black | up-down   | 3,00       |
| 102224      | black | left-right  | 0,20       | 102274      | black | up-down   | 3,50       |
| 102225      | black | left-right  | 0,25       | 102275      | black | up-down   | 4,00       |
| 102226      | black | left-right  | 0,40       | 102276      | black | up-down   | 5,00       |
| 102227      | black | left-right  | 0,50       | 102277      | black | up-down   | 7,50       |
| 102228      | black | left-right  | 0,75       | 102278      | black | up-down   | 10,00      |
| 102229      | black | left-right  | 1,00       | 102279      | black | up-down   | 15,00      |
| 102230      | black | left-right  | 1,50       | 102280      | black | up-down   | 20,00      |
| 102231      | black | left-right  | 2,00       | 102281      | black | up-down   | 25,00      |
| 102232      | black | left-right  | 2,50       | 102282      | black | down-down | 0,10       |
| 102233      | black | left-right  | 3,00       | 102283      | black | down-down | 0,15       |
| 102234      | black | left-right  | 3,50       | 102284      | black | down-down | 0,20       |
| 102235      | black | left-right  | 4,00       | 102285      | black | down-down | 0,25       |
| 102236      | black | left-right  | 5,00       | 102286      | black | down-down | 0,40       |
| 102237      | black | left-right  | 7,50       | 102287      | black | down-down | 0,50       |
| 102238      | black | left-right  | 10,00      | 102288      | black | down-down | 0,75       |
| 102239      | black | left-right  | 15,00      | 102289      | black | down-down | 1,00       |
| 102240      | black | left-right  | 20,00      | 102290      | black | down-down | 1,50       |
| 102241      | black | left-right  | 25,00      | 102291      | black | down-down | 2,00       |
| 102242      | black | up-up       | 0,10       | 102292      | black | down-down | 2,50       |
| 102243      | black | up-up       | 0,15       | 102293      | black | down-down | 3,00       |
| 102244      | black | up-up       | 0,20       | 102294      | black | down-down | 3,50       |
| 102245      | black | up-up       | 0,25       | 102295      | black | down-down | 4,00       |
| 102246      | black | up-up       | 0,40       | 102296      | black | down-down | 5,00       |
| 102247      | black | up-up       | 0,50       | 102297      | black | down-down | 7,50       |
| 102248      | black | up-up       | 0,75       | 102298      | black | down-down | 10,00      |
| 102249      | black | up-up       | 1,00       | 102299      | black | down-down | 15,00      |
| 102250      | black | up-up       | 1,50       | 102300      | black | down-down | 20,00      |
| 102251      | black | up-up       | 2,00       | 102301      | black | down-down | 25,00      |



## PATCHCORD ANGLED F/UTP

| Item nuber | Color | Angle             | Lenght [m] | Item nuber | Color | Angle             | Lenght [m] |
|------------|-------|-------------------|------------|------------|-------|-------------------|------------|
| 103121     | black | straight-straight | 0,10       | 103111     | black | straight-straight | 2,50       |
| 103120     | black | straight-straight | 0,15       | 103110     | black | straight-straight | 3,00       |
| 103119     | black | straight-straight | 0,20       | 103109     | black | straight-straight | 3,50       |
| 103118     | black | straight-straight | 0,25       | 103108     | black | straight-straight | 4,00       |
| 103117     | black | straight-straight | 0,40       | 103107     | black | straight-straight | 5,00       |
| 103116     | black | straight-straight | 0,50       | 103106     | black | straight-straight | 7,50       |
| 103115     | black | straight-straight | 0,75       | 103105     | black | straight-straight | 10,00      |
| 103114     | black | straight-straight | 1,00       | 103104     | black | straight-straight | 15,00      |
| 103113     | black | straight-straight | 1,50       | 103103     | black | straight-straight | 20,00      |
| 103112     | black | straight-straight | 2,00       | 103102     | black | straight-straight | 25,00      |