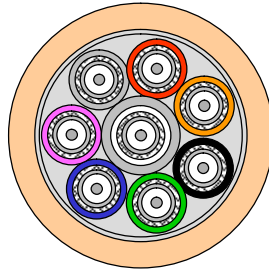


S-02Y(St)CYY 8 x 0.6/2.8AF – 75 Ω

**Coaxial SDH-Switch Board Cables acc. to Belgacom TR-SP.
132-8**



Application

Standards

acc. to Belgacom specification TR-SP. 132-8

Flame resistance

Construction

| | |
|---------------------------------|--|
| Inner conductor | copper wire, bare, diameter 0.60 mm ± 0.03 mm |
| Insulation | Foam-PE 2.8 mm ± 0.03 mm |
| 1 st outer conductor | Al-PET-Al-foil |
| 2 nd outer conductor | copper braid, tinned |
| Sheath | PVC 4.5 mm ± 0.15 mm 8 different colours |
| Cable lay up | 8 coaxials twisted to the bundle and wrapped with tape |
| Sheath | PVC 17.4 mm ± 0.5 mm beige, RAL 1001 |

S-02Y(St)CYY 8 x 0.6/2.8AF – 75 Ω

Electrical properties

at 20°C

| | | |
|--------------------------|-----------------------|-----------------------------|
| DC resistance | Inner conductor | ≤ 65 Ω/km |
| Mutual capacitance | | 56 nF/km |
| Characteristic impedance | at 78 MHz | 75 Ω ± 3.0 Ω |
| Velocity ratio | | 78 % |
| Transfer impedance | 10 MHz | ≤ 0.7 mΩ/m |
| Test voltage | Inner/Outer conductor | 1.5 kV _{rms} 1 min |
| Insulation resistance | | ≥ 10 GΩ*km |

Electrical data

at 20°C

| Attenuation (dB/100m) | | Crosstalk (dB/500m or 250m) | | Return loss (dB) | |
|--------------------------|--------|--------------------------------|-------|---------------------|------|
| Frequency (MHz) | | Frequency (MHz) | | Frequency (MHz) | |
| 78 | ≤ 11.4 | 0.3 – 2.3 | ≥ 75 | 78.9 – 79.1 | ≥ 35 |
| | | 2.3 – 10 | ≥ 85 | 9.9 – 309.9 | ≥ 35 |
| | | ≥ 10 | ≥ 100 | | |

Technical data

| Product code | Designation | Type | Outer diameter mm | Weight kg/km | Standard delivery length m | Drum size EW/ring | Gross weight kg | Copper content | Tensile force N |
|--------------|--------------|----------------|----------------------|-----------------|-------------------------------|----------------------|--------------------|----------------|--------------------|
| 1003362 | S-02Y(St)CYY | 8 x 0.6/2.8 AF | 17.8 | 311 | 250 ± 10 | 760/350 /420 | 88 | 103.03 | 500 |
| 1003363 | S-02Y(St)CYH | 8 x 0.6/2.8 AF | 17.8 | 311 | 250 ± 10 | 760/350 /420 | 88 | 103.03 | 500 |

[PRODUCT CODE TABLE]

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