

**S-02Y(St)CY../H 0.45/2.0****S-02YS(St)CY../H 0.45/2.0****Coaxial SDH-Switch Board Cables acc. to TS 0031/96 part 4**

## Application

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## Standards

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acc. to TS 0031/96 part 4

## Flame resistance

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## Construction

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Inner conductor	copper wire, tinned or silvered, diameter 0.45 mm
Insulation	Foam-PE 1.95 mm
1 <sup>st</sup> Outer conductor	Al-PET-Al-foil
2 <sup>nd</sup> Outer conductor	copper braid, tinned
Sheath	PVC../FRNC 3.2 mm grey, RAL 7032

# S-02Y(St)CY../H 0.45/2.0

# S-02YS(St)CY../H 0.45/2.0

## Electrical properties

at 20°C

DC resistance	Inner conductor	≤ 115 Ω/km
Mutual capacitance		ca. 60 nF/km
Characteristic impedance		75 Ω ± 3%
Screening factor	30-1000 MHz	≥ 90 dB
Operating voltage		300 V <sub>rms</sub>
Test voltage	Inner/Outer conductor	1 kV <sub>rms</sub>
Insulation resistance		≥ 10 GΩ*km

## Electrical data

at 20°C

Attenuation (dB/100m)		Return loss (dB)	
Frequency (MHz)		Frequency (MHz)	
1	≤ 2.4	30-1000	≥ 22
10	≤ 5.5		
30	≤ 9.5		
100	≤ 20.0		
400	≤ 37.0		
600	≤ 46.0		

## Technical data

Product code	Designation	Type	Outer diameter mm	Weight kg/km	Standard delivery length m	Drum size KTG/ring	Gross weight kg	Copper content	Tensile force N
1003356	S-02Y(St)CH	0.45/2.0	3.2	15	1000	051	19	9	35
1003426	S-02YS(St)CH	0.45/2.0	3,2	15	1000	051	19	9	35
1003425	S-02YS(St)CY	0.45/2.0	3,2	15	1000	051	19	9	35
CS2702500	S-02Y(St)CY	0.45/2.0	3.2	15	1000	051	19	9	35

**S-02Y(St)CY../H 0.45/2.0**  
**S-02YS(St)CY../H 0.45/2.0**

### Product Code Table

Product Description	Product Code	PG Reference Code	PG Part Number
02YS(St)CY 0.45/2.0		60013587	<b>60013587</b>
02YS(St)CY 0.45/2.0 1000DW	1003425-01000DW	60013587	<b>60013588</b>
02YS(St)CY 0.45/2.0 250RW	1003425-00250RW	60013587	<b>60013589</b>
02YS(St)CH 0.45/2.0		60015091	<b>60015091</b>

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