



## Type Cable structure

Inner conductor diameter:  
Core insulation:  
Core colours:  
Stranding element:  
Shielding 1:  
Shielding 2:  
Screen 1 over stranding:  
Screen 2 over stranding:  
Outer sheath material:  
Cable external diameter:  
Outer sheath colour:

## Torsion Patch Cables S-FTP 4x2xAWG 26/19 PUR

Copper, bare (AWG 26/19)  
PO  
wh/bu, wh/og, wh/gn, wh/bn  
Double core  
Polyester foil over stranded bundle  
-  
Polyester foil copper, bare  
Cu braid  
PUR  
approx. 7,5 mm  
Green similar to RAL 6018

## Electrical data

Characteristic impedance: 100 Ohm ± 15 ohm at 1 to 100 MHz  
Mutual capacitance: 50,0 nF/km nom.

## Typical values

Frequency (MHz)	10	16	62,5	100
Attenuation (dB/10m)	1,3	1,6	3,2	4,0
Next (db)	47,0	44,0	35,0	32,0
ACR (db)	45,7	42,4	31,8	28,0

## Technical data

Weight: approx. 79,00 kg/km  
Min. bending radius for laying: 80,0 mm  
Operating temperature range min.: -20°C  
Operating temperature range max.: +80°C  
Caloric load, approx. value: 1,23 MJ/m  
Copper weight: 29,5 kg/km

## Norms

Acc. to ISO/IEC 11801, Acc. to EN 50173, Acc. to EIA/TIA 568-A, Category 5, Flame-retardant acc. to IEC 60332-1, Smoke density acc. to IEC 61034, Halogen-free acc. to 60754-2, Oil-resistant

## Application

HELUKAT®100T TORDIERFLEX data cables were designed for the most extreme requirements in the industry and other heavy-duty environments in torsion applications. They are characterized by large performance reserves and outstanding performance, even under extreme conditions. Long mechanical service life is also ensured due to a thought-out design. These lines are manufacturable with conventional Sub-D plugs or with various RJ45 plugs.

## Part no.

**800067**, S-FTP 4x2xAWG 26/19 PUR

Dimensions and specifications may be changed without prior notice.