

# S-FTP 4×2×AWG 24/1

Data screened cables S-FTP 200 MHz



## Cable structure

<b>Core diameter:</b>	0,51 mm (AWG 24) solid bare copper core
<b>Insulation:</b>	PE
<b>Color code:</b>	orange/white-orange blue/white-blue green/white-green brown/white-brown
<b>Screening:</b>	polyester foil with Al layer, copper tinned braiding
<b>Sheath:</b>	H halogen-free
<b>Outer diameter:</b>	approx. 7 mm

## Typical values

Frequency (MHz)	10	16	62,5	100	200
Attenuation (dB/100m)	6,0	8,0	16,0	20,0	28,0
Next (dB)	60,0	58,0	50,0	45,0	40,0
ACR (dB)	54,1	50,4	34,4	25,1	12,0

## Technical data

<b>Cable weight:</b>	55 kg/km
<b>Minimum bending radius:</b>	approx. 7,5× cable diameter
<b>Temperature range:</b>	-20 °C to +60 °C (fixed installation)
<b>Thermal load:</b>	0,102 kWh/m (inf. value), PVC 0,096 kWh/m (inf. value), H
<b>Copper weight:</b>	32 kg/km
<b>Impedance:</b>	100 Ω ±15 Ω
<b>Loop resistance:</b>	170 Ω/km max.
<b>Operating capacitance:</b>	50 nF/km nominal

## Norms

ISO/IEC 11801, EN 50173 and EIA/TIA 568-A

## Application

Structured installation, Fast Ethernet

**Part No.:** 0681609

## Note

Further types available upon request.  
Conforms to RoHS.