

S/FTP cat 6 4x2xAWG23



Cable structure

Cores

Solid, of bare copper with diameter 0.55 mm

Core insulation

Polyethylene (PE) 1.10 mm

Color coding

1st pair white/blue-blue

2nd pair white/orange-orange

3rd pair white/green-green

4th pair white/brown-brown

1st screening

Overall plastic aluminium foil

Drain wire

Tinned copper

2nd Screening

Overall tinned copper braid

Outer sheath

PVC, grey color, flame retardant according to IEC 332.1 or LSZH (Low Smoke Zero Halogen)

Outer diameter

7.6 mm

CU weight

28 kg/km

Cable weight

62 kg/km

Technical data

Temperature range

Flexing from 0°C up to 50°C

Fixed installation from -20°C up to +60°C

Minimum bending radius

Flexing 8 x D

Fixed installation 4 x D

Electrical Characteristics

Category							5e	6		
Frequency [MHz]	1	4	10	16	31.25	62.50	100	250	300	400
Attenuation [dB/100m]	1.9	3.8	5.9	7.4	10.5	15.1	19	31	36	41.6
NEXT [dB]	84	78	72	67	62	60	54	50	45	42
PS NEXT [Db]	81	75	69	64	59	57	51	47	42	39
ACR-N [dB]	82	74	66	60	51	45	35	19	15	10
PS-ACR-N [dB]	79	71	63	57	48	42	32	16	12	7
ACR-F [dB]	85	77	68	63	51	44	35	19	14	8
PS-ACR-F [dB]	82	74	64	60	48	41	32	16	11	5
Return Loss [dB]	26	31	32	34	36	32	32	30	28	26