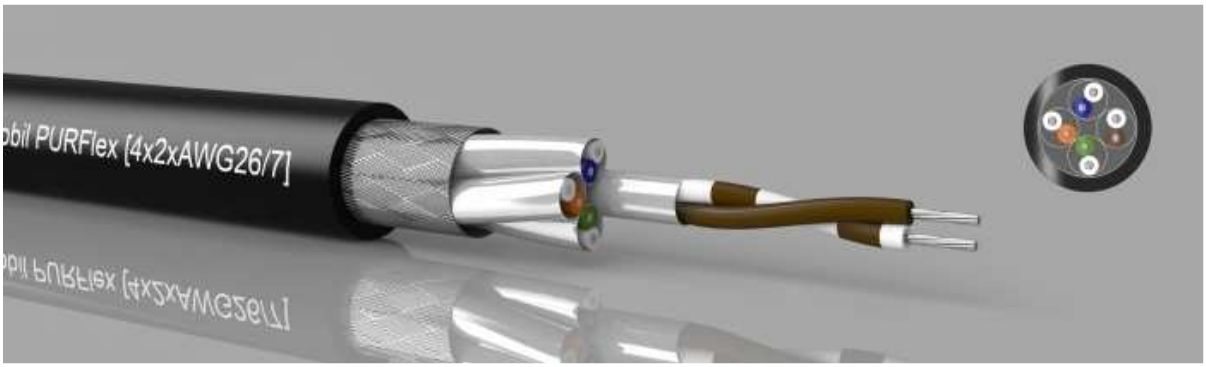
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LAN cables

CAT 7 Mobil PURFlex STP-C



Application:

Flexible Data cable for local area networks (LAN) up to 600 MHz. By using flexible conductors as well as an PUR jacket, optimallly suitable for mobile, raw applications e.g. the event technology.

Construction:

Conductor:	tinned stranded copper wire
Core insulation:	Cell PE, Foam Skin
First twisting:	cores to pairs
Pair screen:	AL-Foil
Twisting:	pairs to cable rope
Total screen:	tinned copper braid
Jacket:	PUR, black

Technical characteristics:

Characteristic impedance:	100 +/- 5 Ohm @ 100 MHz
Capacity:	45 pF/m
Insulation resistance:	> 2 GOhm x km at + 20℃
Signal propragation time:	max. 450 ns / 100m
Delay time:	< 3 ns / 100m
Attenuation:	1 MHz: 2,8
	10 MHz: 8,5
	100MHz: 27,0
	300MHz: 47,0
	600MHz: 67,5
Temperature range:	static: -30℃ up to +70℃
	dynamic: -20℃ up to +70℃

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Bending radius:	Mobil: min. 12 x D
	one-time: min. 7 x D

Packaging:

rings, reels

Product range

CAT 7 Mobil PURFlex STP-C

Order no.	dimension (AWG)	O. D. (ca. mm)	weight (kg/km)	co.-weight (kg/km)
532826700	4x2xAWG 26/7	7,3	52	25