

Data and communication cable Highflex PUR-TPE-CKY



Application	: Highly flexible cable. Because of its special construction perfect for use in cable chains. Type CKY is a twisted pair version. The core insulation can deviate, see technical data for details.
TECHNICAL DATA	: TYPE PUR-TPE-CKY
Remarks	: Very good oil and petrol resistance. Halogen free. Excellent wear and tear resistance. Flame retardant according to VDE 0482 T. 265-2-1. Grey=RAL7001, Orange=RAL2003, Black=RAL9005.
Stranding element	: Pairs
Conductor material	: Copper, bare
Conductor category	: Class 6 = very flexible
Core insulation material	: Copolymer, thermoplastic
Core identification	: Colour
Material outer sheath	: Polyurethane (PUR)
Screen over stranding element	: None
Screen over stranding	: Braiding
Halogen free (acc. IEC 60754-2)	: Yes
Longitudinal water blocking	: Yes
Halogen free (acc. EN 60754-1/2)	: Yes
Radial water blocking	: Yes
Low smoke (acc. IEC 61034-2)	: No
Low smoke (acc. BS EN 61034-2)	: No
Oil resistant (acc. IEC 60811-404)	: Yes
Permitted cable outer temperature during assembling/handling	: -30°C to 90°C
Permitted cable outer temperature after assembling without vibration	: -50°C to 90°C
Flame retardant	: In accordance with EN 60332-1-2
Circuit integrity	: No
Outdoor use permitted	: Yes
UV resistant	: Yes
Armouring/reinforcement	: None
Conductor surface	: Bare
	: No
Longitudinal water blocking cable	: Yes
Radial water blocking cable	: Yes
	: Round
Oil resistant (acc. EN 60811-404)	: Yes



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Underground installation : No
: No
: No
: Yes
: Yes

ProductNr	Dimension	Colour outer sheath	Bending radius (mm)	Number of stranding elements	Outer diameter approx. (mm)	Min. permitted bending radius, moving application with forced guidance (mm)	Min. permitted bending radius, moving application/free movement (mm)	Min. permitted bending radius, stationary application/permanent installation (mm)
0151102	2 x 2 x 0.25	Orange	45	2	6	45	45	45
0151103	3 x 2 x 0.25	Orange	48	3	6.4	48	48	48
0151120	5 x 2 x 0.25	Orange	59	5	7.9	59	59	59
0151119	8 x 2 x 0.25	Grey	63	8	8.5	63	63	63