

## Data and communication cable Ecoflex CPR HCH-TP-O B2ca



<b>Application</b>	: Flexible control cable for industrial and security installations, cable is completely halogenfree. Low smoke and flame retardant acc. to IEC 60332-1-2 and IEC 60332-3-24. The material can be recycled and is eco-friendly.
<b>TECHNICAL DATA</b>	: TYPE HCH-TP-O B2ca
Standards	: CPR
<b>Remarks</b>	: Ozone resistant acc. to EN50396. Type HCH-TP-O is twisted in pairs and is colour coded according to DIN47100.
Stranding element	: Pairs
Conductor material	: Copper, bare
Conductor category	: Class 5 = flexible
Core insulation material	: Polyolefin
Core identification	: Colour
Material outer sheath	: Polyolefin
Screen over stranding element	: None
Screen over stranding	: Braiding
Halogen free (acc. IEC 60754-2)	: Yes
Longitudinal water blocking	: No
Halogen free (acc. EN 60754-1/2)	: Yes
Radial water blocking	: No
Low smoke (acc. IEC 61034-2)	: Yes
Low smoke (acc. BS EN 61034-2)	: Yes
Armouring	: No
Oil resistant (acc. IEC 60811-404)	: No
Colour outer sheath	: Grey
Permitted cable outer temperature during assembling/handling	: -15°C to 70°C
Permitted cable outer temperature after assembling without vibration	: -40°C to 70°C
Flame retardant	: In accordance with EN 60332-3-24
Smoke development class according to EN 13501-6	: s1
Circuit integrity	: No
Euro class acidity according to EN 13501-6	: a1
Outdoor use permitted	: No
Reaction-to-fire class according to EN 13501-6	: B2ca
Euro class flaming droplets/particles according to EN 13501-6	: d1
UV resistant	: No



Conductor surface : Bare  
 : No  
 Longitudinal water blocking cable : No  
 Radial water blocking cable : No  
 Oil resistant (acc. EN 60811-404) : No  
 Underground installation : No  
 : No  
 : No  
 : Yes  
 : Yes

ProductNr	Dimension	Number of stranding elements	Outer diameter approx. (mm)
0182304	2 x 2 x 0.5	2	7.24
0182502	2 x 2 x 0.75	2	8.6
0182504	4 x 2 x 0.75	4	11