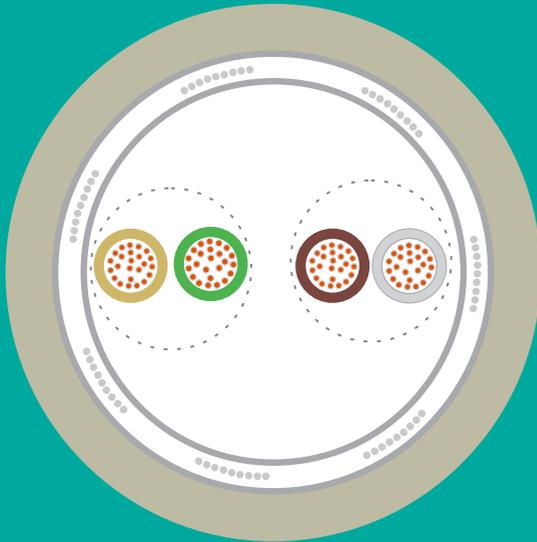




05

CKS SAPFLEX PS704 TP

Screened data transmission cable with PUR outer sheath and twisted pairs for harsh conditions



CKS Sapflex PS704 TP - Low-frequency PUR data cable, PVC cores DIN 47100
Twisted pairs, Screened, PUR jacket, Outdoor, Flame retardant, Oil/ Abrasion resistant

ADVANTAGES

- Data transmission cable with PUR sheath for increased mechanical stress, wear- and tear-resistant
- Increased durability under harsh conditions thanks to robust PUR outer sheath
- Overall braid minimises electrical interference
- Decoupling of circuits by means of twisted-pair (TP) design (crosstalk effects)



APPLICATION RANGE

For harsh environmental conditions where robust and screened cables with small dimensions are necessary

PRODUCT FEATURES

- Low-adhesive surface
- PUR outer sheath is resistant to most oils and hydraulic fluids
- Special notch and tear-resistance
- Good UV-resistance
- Flame-retardant according to IEC 60332-1-2

PRODUCT MAKE-UP

- Fine-wire strand made of bare copper wires
- Core insulation made of PVC
- TP structure
- Tinned-copper braiding
- Outer sheath made of PUR
- Outer sheath colour: pebble grey (RAL 7032)

TECHNICAL DATA

Classification ETIM 5	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Classification ETIM 6	ETIM 6.0 Class-ID: EC000104 ETIM 6.0 Class-Description: Control cable
Mutual capacitance	C/C: approx. 120 nF/km C/S: approx. 160 nF/km
Conductor stranding	Fine copper wire strands
Inductivity	approx. 0.65 mH/km
Minimum bending radius	Occasional flexing: 15 x outer diameter Fixed installation: 6 x outer diameter
Temperature range	Occasional flexing: -5°C to +70°C Fixed installation: -40°C to +80°C

ELECTRICAL INFORMATION

Article number	Number of pairs and conductor cross section (mm ²)	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
CKS SAPFLEX PS704 TP				
CKS PS704 250202	2 x 2 x 0.25	6.3	28	54
CKS PS704 250203	3 x 2 x 0.25	7.1	40	66
CKS PS5704 250204	4 x 2 x 0.25	7.6	45	81
CKS PS704 250206	6 x 2 x 0.25	8.5	70	115
CKS PS704 50202	2 x 2 x 0.5	7.9	48	93
CKS PS704 50203	3 x 2 x 0.5	8.7	74	129
CKS PS704 50204	4 x 2 x 0.5	9.4	82	146
CKS PS704 50206	6 x 2 x 0.5	11.1	110	198