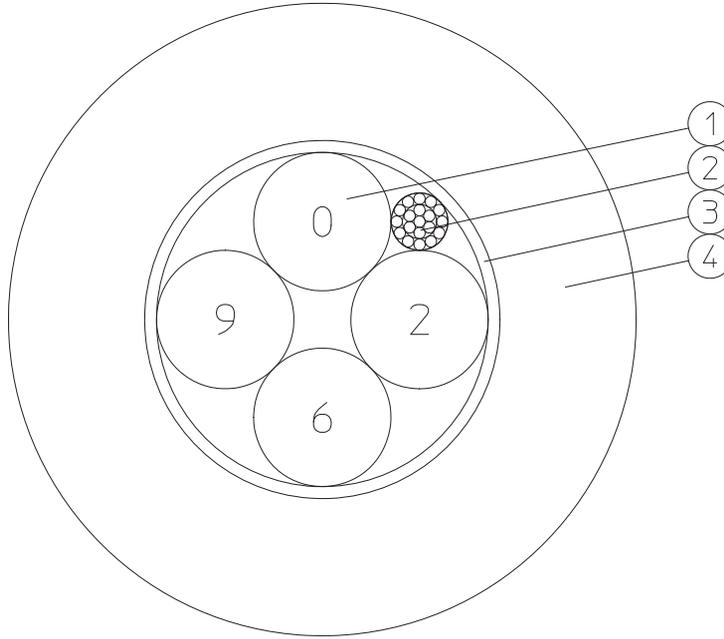


C01-001

4 Core Screened PUR Cable, 100°C



Intended use:
Internal wiring
or external
interconnection of
equipment

Unless stated
otherwise:
Dimensions in mm
Dimensions ±4%
Electrical values ±10%

Colour code	
0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Violet
8	Grey
9	White
29	Pink
5/4	Green/Yellow



HS-Revision	02
Date	22-07-2019

Description	Dimension	Overall Diameter	Remarks
1 Tin plated copper conductor Halogen free, flame retardant insulation (RN 2219)	22 AWG t = 0.20	0.76 1.16	19 x 0.16
2 Drain wire of tin plated copper	26 AWG	0.48	19 x 0.10
3 Wrapped aluminium / polyester foil screen		3.00	
4 Jacket of PUR, Blue	t = 1.15	5.30 min: 5.10 max: 5.50	jacket colour should approximate RAL 5019 pressure-extruded smooth and round

Electrical Properties		
Technical data	Values at 20°C	Unit
Conductor resistance	53.1	Ohms / km max
Insulation resistance	>1500	M Ohms / km
Test voltage	3	kV DC
Voltage rating	600 / 1000	V AC
Capacitance	Core - op core: 139 Core - ad core: 145 Core - screen: 240	pF / m
Impedance	Core - op core: 48 Core - ad core: 44 Core - screen: 20	Ohms
AC loop Inductance	0.547	mH / km
L/R ratio	60 Hz: 0.005	ms (2 adjacent cores)
Recommended MBR		
Fixed	Flexing	Dynamic
30mm	55mm	110mm

Physical Properties				
Summary	Cores	Jacket	Finished Cable	
Flame retardant	IEC 60332-1	No	No	
Fluids	Acid resistance	Good	Good	Good
	Base resistance	Good	Fair	Fair
	Fuel resistance	Good	Good	Good
	Oil resistance	Good	Excellent	Good
	Water resistance	Good	Excellent	Good
Halogen free	IEC 60754-2	IEC 60754-1	IEC 60754-1	
Low smoke generation	IEC 61034-2	Weak	Weak	
Radiation tolerance	4x 10 ⁵ Gy	10 ⁷ Gy	4x 10 ⁵ Gy	
Weight	N/A	N/A	38 g/m	
Temperature	-30°C	-40°C	-30°C	
	Continuous: +140°C 3,000 hrs: +160°C	Continuous: +90°C 3,000 hrs: +100°C	Continuous: +90°C 3,000 hrs: +100°C	

Cable construction does not contain silicone