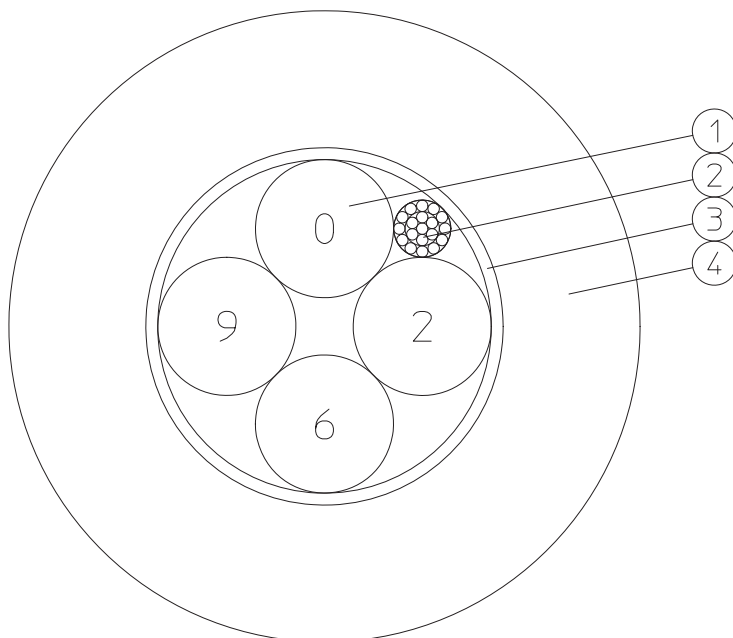


C01-001

4 Core Screened PUR Cable, 100°C



Dimensions in mm
unless otherwise stated

Dimensions $\pm 4\%$
unless otherwise stated

Electrical values $\pm 10\%$
unless otherwise stated

RoHS Compliant

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	01
Date	2016-07-14

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
Inductance	0.55	μH / m

Physical Properties			
Summary	Cores	Jacket	Finished Cable
Flame retardant	IEC 60332-1	-	-
Fluids	Acid resistance	Good	Good
	Base resistance	Good	Fair
	Fuel resistance	Good	Good
	Oil resistance	Good	Excellent
	Water resistance	Good	Excellent
Halogen free	IEC 60754-2	IEC 60754-2	IEC 60754-2
Low smoke	IEC 61034-2	-	-
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
	20,000 hrs: +140°C	20,000 hrs: +90°C	20,000 hrs: +90°C
	3,000 hrs: +160°C	3,000 hrs: +100°C	3,000 hrs: +100°C

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