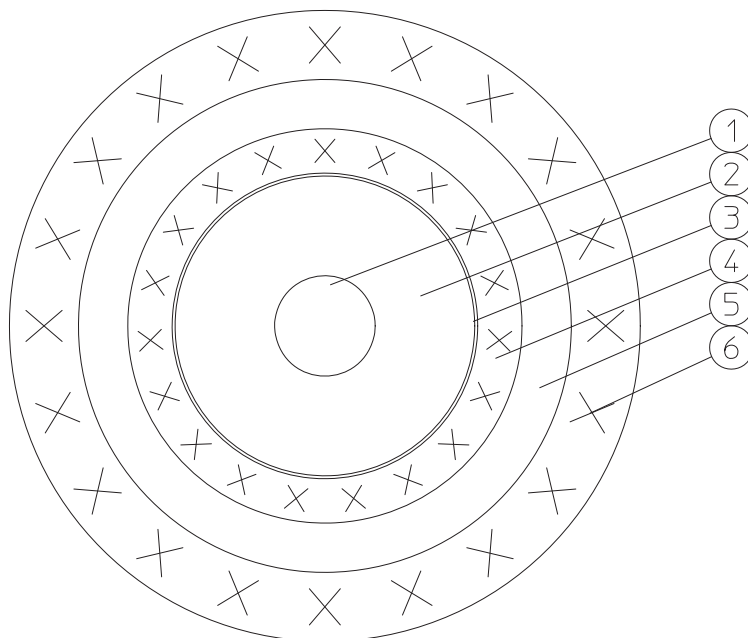


C01-011 Single Core Screened, Overbraided, Low Noise PTFE Cable, 260°C



Intended use:
Internal wiring
or external
interconnection of
equipment

Unless stated
otherwise:
Dimensions in mm
Dimensions $\pm 4\%$
Electrical values $\pm 10\%$

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 Nickel plated copper conductor	24 AWG	0.51	1 x 0.51
2 Dielectric of solid PTFE, Natural	t = 0.505	1.52 min: 1.45 max: 1.59	
3 Low noise dispersion layer		1.55	
4 Braided screen of nickel plated copper wire	16 x 5 x 0.102	2.00	minimum coverage: 90% lay length: 16.9 angle: 18.2°
5 Fluoropolymer jacket, White	t = 0.25	2.5	tube-extruded
6 Braided armour of stainless steel wire, AISI 304	16 x 4 x 0.160	3.20 min: 3.00 max: 3.40	minimum coverage: 90% lay length: 12.0 angle: 36.7°

Electrical Properties		
Technical data	Values at 20°C	Unit
Conductor resistance	95	Ohms / km max
Insulation resistance	>5000	M Ohms / km
Test voltage	1 min 2	kV AC
Voltage rating	900	V AC
Capacitance	94	pF / m
Impedance	50	Ohms

Recommended MBR		
Fixed	Flexing	Dynamic
25mm	50mm	100mm

Physical Properties			
Summary	Cores	Jacket	Finished Cable
Flame retardant	IEC 60332-3-24 (Cat C)	IEC 60332-3-24 (Cat C)	IEC 60332-3-24 (Cat C)
Fluids	Acid resistance	Excellent	Excellent
	Base resistance	Excellent	Excellent
	Fuel resistance	Excellent	Excellent
	Oil resistance	Excellent	Excellent
	Water resistance	Excellent	Excellent
Halogen free	No	No	No
Low smoke generation	IEC 61034-2	IEC 61034-2	IEC 61034-2
Radiation tolerance	10 ³ Gy	10 ³ Gy	10 ³ Gy
Weight	N/A	N/A	30 g/m
Temperature	-65°C	-65°C	-65°C
	Continuous: +260°C 3,000 hrs: +260°C	Continuous: +260°C 3,000 hrs: +260°C	Continuous: +260°C 3,000 hrs: +260°C

Cable construction does not contain silicone