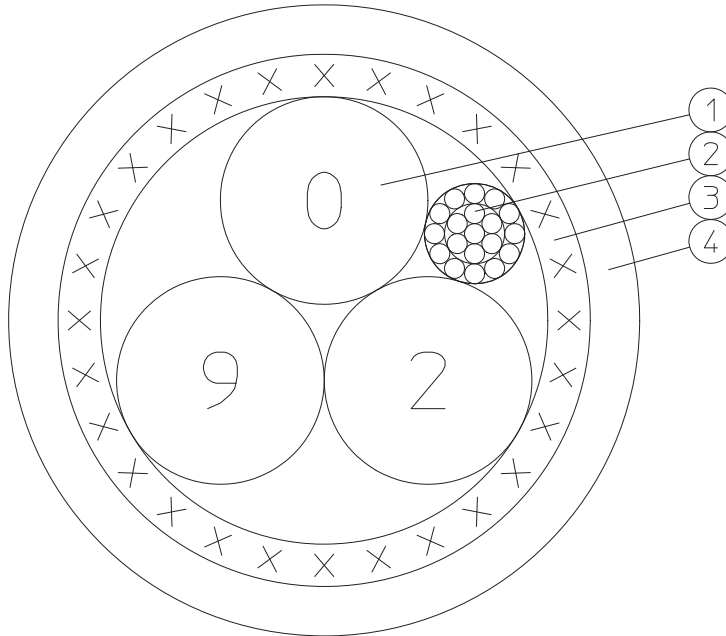


C01-082

3 Core Braided Screened & Drain Wire, 200°C



Dimensions in mm unless otherwise stated

Dimensions ±4% unless otherwise stated

Electrical values ±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 Fluoropolymer insulation (K 2019)	20 AWG t = 0.255	0.96 1.47	19 x 0.20
2 Drain wire of tin plated copper	20 AWG	0.96	19 x 0.20
3 Braided screen of tin plated copper wire	16 x 6 x 0.127	3.80	minimum coverage: 85% lay length: 20.3 angle: 28.4°
4 Fluoropolymer jacket, Blue	t = 0.35	4.50 min: 4.30 max: 4.70	tube-extruded

Electrical Properties		
Technical data	Values at 20°C	Unit
Conductor resistance	34	Ohms / km max
Insulation resistance	>5000	M Ohms / km
Test voltage	3	kV DC
Voltage rating	600 / 1000	V AC
Capacitance *	Core - core: 90	pF / m

* calculated nominal value: based on 2 core formula

Physical Properties			
Summary	Cores	Jacket	Finished Cable
Flame retardant	IEC 60332-3-24	IEC 60332-3-24	IEC 60332-3-24
Fluids	Acid resistance	Excellent	Excellent
	Base resistance	Excellent	Excellent
	Fuel resistance	Excellent	Excellent
	Oil resistance	Excellent	Excellent
	Water resistance	Excellent	Excellent
Halogen free	-	-	-
Low smoke	IEC 61034-2	IEC 61034-2	IEC 61034-2
Radiation tolerance	10 ⁴ Gy	10 ⁴ Gy	10 ⁴ Gy
Weight	N/A	N/A	49 g/m
Temperature *	-80°C	-80°C	-80°C
	20,000 hrs: +180°C	20,000 hrs: +180°C	20,000 hrs: +180°C
	3,000 hrs: +200°C	3,000 hrs: +200°C	3,000 hrs: +200°C

* Cable rated to +200°C. Please note: the tin plating (conductor, drain and screen) will tarnish at temperatures exceeding +180°C, reflected in the long-term temperature rating.