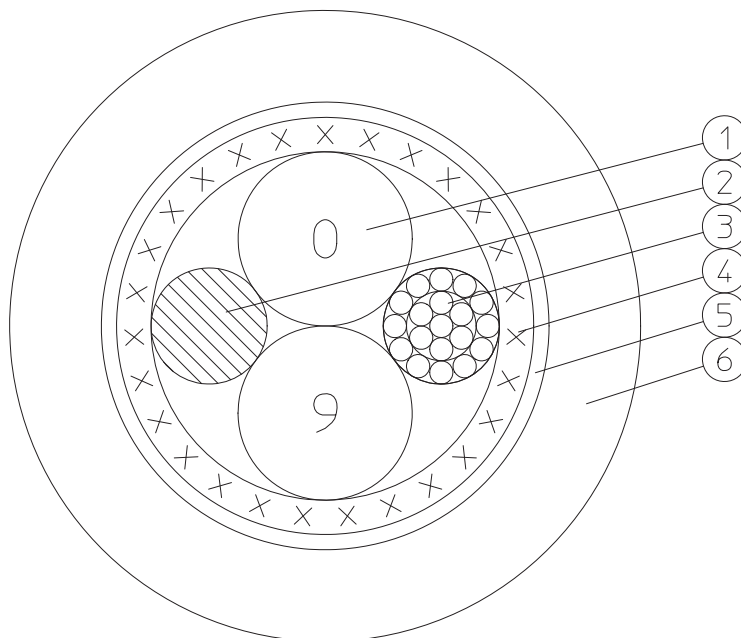


C01-024

2 Core Braided Screened & Drain Wire Cable



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 Tin plated copper conductor Fluoropolymer insulation (ZN 2419)	24 AWG t = 0.27	0.60 1.14	19 x 0.13
2 Solid filler		0.60	
3 Drain wire of tin plated copper	24 AWG	0.60	19 x 0.13
4 Braided screen of tin plated copper wire	16 x 7 x 0.10	2.80	minimum coverage: 90% lay length: 21.8 angle: 20°
5 Wrapped non woven polyester binder		3.00	
6 Jacket of flame retardant PUR, Blue	t = 0.60	4.20 min: 4.00 max: 4.40	jacket colour should approximate RAL 5019 pressure-extruded smooth and round

Electrical Properties		
Technical data	Values at 20°C	Unit
Conductor resistance	92	Ohms / km max
Insulation resistance	>1500	M Ohms / km
Test voltage	3	kV DC
Voltage rating	600 / 1000	V AC
Capacitance	Core - core: 88 Core - screen: 158	pF / m
Impedance	Core - core: 56 Core - screen: 31	Ohms
AC loop Inductance	0.629	mH / km
L/R ratio	60 Hz: 0.003	ms (2 adjacent cores)
Recommended MBR		
Fixed	Flexing	Dynamic
25mm	45mm	90mm

Physical Properties			
Summary	Cores	Jacket	Finished Cable
Flame retardant	IEC 60332-3-24 (Cat C)	IEC 60332-1	IEC 60332-1
Fluids	Acid resistance	Excellent	Good
	Base resistance	Excellent	Fair
	Fuel resistance	Excellent	Good
	Oil resistance	Excellent	Excellent
	Water resistance	Excellent	Excellent
Halogen free	No	IEC 60754-1	No
Low smoke generation	IEC 61034-2	Weak	Weak
Radiation tolerance	2x 10 ⁵ Gy	10 ⁶ Gy	2x 10 ⁵ Gy
Weight	N/A	N/A	28 g/m
Temperature	-65°C	-40°C	-40°C
	Continuous: +150°C 3,000 hrs: +170°C	Continuous: +90°C 3,000 hrs: +100°C	Continuous: +90°C 3,000 hrs: +100°C

Cable construction does not contain silicone