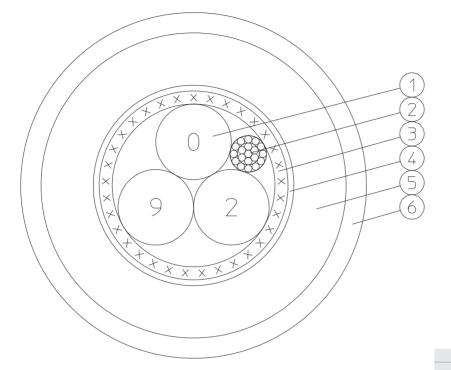


## C01-086

## 3 Core Silicone with protective over-sheath, 150°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	
		02

HS-Revision Data

		HS-Revision	02				
				Date	22-07-2019		
	Description	Dimension	Overall Diameter	Remarks			
1	Tin plated copper conductor Fluoropolymer insulation (ZL 2019)	20 AWG t = 0.17	0.96 1.30	19 x 0.20			
2	Drain wire of tin plated copper	24 AWG	0.60	19 x 0.13	19 x 0.13		
3	Braided screen of tin plated copper wire	16 x 7 x 0.10	3.25	minimum coverage lay length: 23. angle: 22.1°			
4	Wrapped binder		3.40				
5	Silicone jacket, Blue	t = 0.90	5.20	pressure-extrud	pressure-extruded		
6	Fluoropolymer jacket, Transparent	t = 0.35	5.90 min 5.60 max 6.20	tube-extruded	I		

Electrical Properties				Physical Properties					
Technical data	Values at 20°C	Unit	Summary		Cores	Jacket	Finished Cable		
Conductor resistance	32.4	Ohms / km max	Flame retardant		IEC 60332-3-24 (Cat C)	UL 94 HB	UL 94 HB		
Insulation resistance	>1500	M Ohms / km							
Test voltage	3	kV DC		Acid resistance	Excellent	Excellent	Excellent		
Voltage rating	600 / 1000	V AC	S	Base resistance	Excellent	Excellent	Excellent		
0 "	Core - core: 178	pF / m	Fluids	Fuel resistance	Excellent	Excellent	Excellent		
Capacitance	Core - screen: 335			Oil resistance	Excellent	Excellent	Excellent		
AC loop Inductance	0.500	mH / km		Water resistance	Excellent	Excellent	Excellent		
L/R ratio	60 Hz: 0.008	ms (2 adjacent cores)	Halogen free		No	No	No		
Recommended MBR			Low smoke generation		IEC 61034-2	Good	Good		
Fixed	Flexing	Dynamic	Radiation tolerance		2x 10^5 Gy	2x 10^5 Gy	2x 10^5 Gy		
30mm	60mm	120mm	Weight Temperature		N/A	N/A	58 g/m		
301111	John	12011111			-65°C Continuous: +150°C 3,000 hrs: +170°C	-50°C Continuous: +150°C 3,000 hrs: +170°C	-50°C Continuous: +150°C 3,000 hrs: +170°C		

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