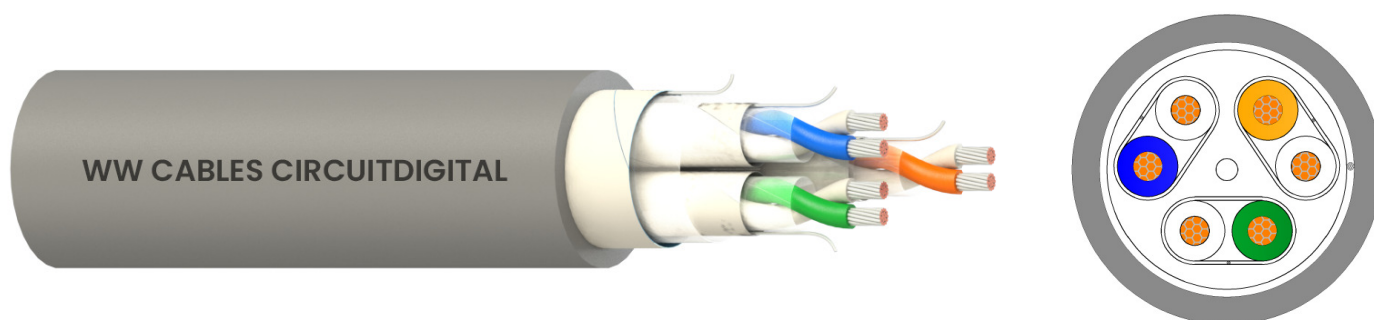




Multi-Pair Polypropylene Insulated Data Cables, Cu, I&O Screened



Note: The above drawing is for representation purpose only.

Description

Conductor:

Insulation:

Individual & Overall Screen:

Sheath:

Class 2 Tinned Annealed Copper

Polypropylene (PP)

Aluminium foil/Polyester tape with a 7/0.2mm
tinned annealed copper drain wire

PVC 4V-75

Core identification

See Colour Chart

Sheath Colour

Mist Grey

Technical Data

Rated Voltage:

Operating Temperature:

Max. 300V rms

-15°C to +80°C

Standards Compliance

AS/NZS 1125

AS/NZS 3808

UL Style 2493

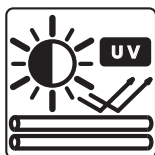
AS/NZS 1660.5.6 (Equivalent to IEC 60332-1)

AS/NZS 1660.5.1 (Equivalent to IEC60332-3-24)

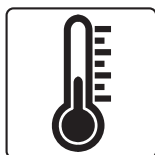
Characteristics



FLAME RETARDANT



UV RESISTANT



-15°C ~ +80°C



GREEN STAR

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Multi-Pair Polypropylene Insulated Data Cables, Cu, I&O Screened

Colour Chart

Pair No.	Pair Colour		Pair No.	Pair Colour		Pair No.	Pair Colour		Pair No.	Pair Colour		Pair No.	Pair Colour	
	1st wire	2nd wire		1st wire	2nd wire		1st wire	2nd wire		1st wire	2nd wire		1st wire	2nd wire
1	White	Blue	6	Red	Blue	11	Black	Blue	16	Yellow	Blue	21	Violet	Blue
2	White	Orange	7	Red	Orange	12	Black	Orange	17	Yellow	Orange	22	Violet	Orange
3	White	Green	8	Red	Green	13	Black	Green	18	Yellow	Green	23	Violet	Green
4	White	Brown	9	Red	Brown	14	Black	Brown	19	Yellow	Brown	24	Violet	Brown
5	White	Grey	10	Red	Grey	15	Black	Grey	20	Yellow	Grey	25	Violet	Grey

Physical & Electrical Characteristics

WWC Product Code	Conductor Size mm ² (AWG)	Number of Pairs	Conductor Diameter (mm)	Insulation Thickness (mm)	Approx. Overall Diameter (mm)	Min. Bending Radius (mm)		Approx. Weight (kg/km)
						During Installation	After Installation	
4102	0.22 (24) (7/0.2mm)	2	0.6	0.3	6.5	55	41	50
4103		3	0.6	0.3	6.8	57	43	57
*SM4106		6	0.6	0.3	8.4	71	53	86
*SM4108		8	0.6	0.3	9.2	77	58	107
*SM4110		10	0.6	0.3	10.1	85	64	128
*SM4112		12	0.6	0.3	11.5	97	72	158
*SM4114		14	0.6	0.3	12.1	102	76	177
*SM4116		16	0.6	0.3	12.5	105	79	210
*SM4118		18	0.6	0.3	12.9	108	81	231
*SM4120		20	0.6	0.3	13.4	113	84	260
*SM4122		22	0.6	0.3	14.8	124	93	282

*These cables are non-stocked items subject to lead times.

Maximum D.C. Resistance of conductor at 20°C (Ω/100m)	Capacitance (between wires of a pair) (pF/m)	Capacitance (bunched) (pF/m)	Impedance at 100kHz (Ω)	Cross-talk at 100kHz (dB/100m)	Attenuation at 100kHz (dB/100m)
10	65	110	115	-80	1.0

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