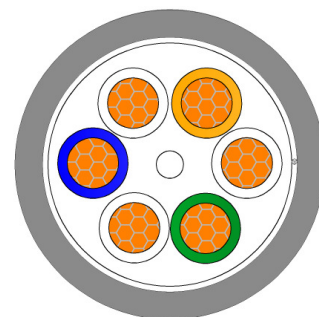




## Multi-Pair Polypropylene Insulated Data Cables, Cu, Overall Screened



Note: The above drawing is for representation purpose only.

### Description

Conductor:

Insulation:

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

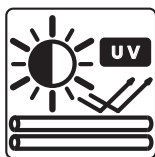
AS/NZS 1660.5.6 (Equivalent to IEC 60332-1)

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, Overall 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

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### Physical & Electrical Characteristics

WWC Product Code	Conductor Size mm <sup>2</sup> (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	
4001	0.22 (24) (7/0.2mm)	1	0.6	0.3	4.3	36	27	19
4002		2	0.6	0.3	5.4	45	34	31
4003		3	0.6	0.3	5.7	48	36	43
4004		4	0.6	0.3	6.7	56	42	48
4006		6	0.6	0.3	7.6	64	48	73
4008		8	0.6	0.3	8.3	70	52	95
4010		10	0.6	0.3	9.8	82	62	105
4012		12	0.6	0.3	10.2	86	64	121
*SM4014		14	0.6	0.3	10.6	89	67	127
*SM4016		16	0.6	0.3	11.1	93	70	152
*SM4018		18	0.6	0.3	11.5	97	72	166
*SM4020		20	0.6	0.3	11.9	100	75	187
*SM4022		22	0.6	0.3	13.3	112	84	202
*SM4024		24	0.6	0.3	13.5	113	85	224
*SM4026		25	0.6	0.3	13.8	116	87	229

\*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	50	95	135	-50	0.8

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