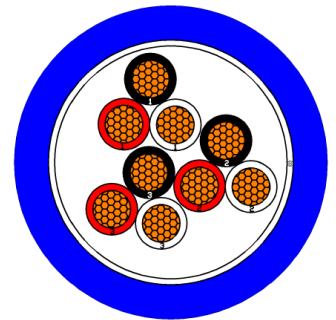
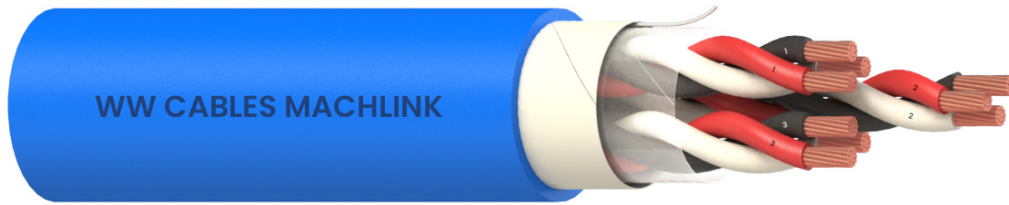




Multi-Triad PVC Insulated Instrumentation Cables 110V, Cu, Overall Screened



Note: The above drawing is for representation purpose only.

Description

Conductor:	Class 2 Plain Annealed Copper
Insulation:	PVC V-90
Overall Screen:	Aluminium foil/Polyester tape with a 7/0.2mm tinned annealed copper drain wire
Sheath:	PVC 5V-90

Core identification

Black, White and Red coloured cores with numbered triads

Sheath Colour

Blue

Technical Data

Rated Voltage:	Max. 300V a.c.
Nominal Voltage:	≤ 110V a.c. / 150V d.c.
Operating Temperature:	-25°C to +75°C, Maximum 90°C* *Not subject to severe mechanical pressure at temperatures higher than 75°C.
Short Circuit Temperature :	160°C for 5 sec

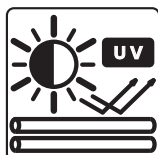
Standards Compliance

AS/NZS 1125	AS/NZS 1660.5.6 (Equivalent to IEC 60332-1)
AS/NZS 3808	AS/NZS 1660.5.1 (Equivalent to IEC60332-3-24)
UL Style 2464	

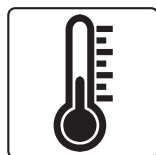
Characteristics



FLAME RETARDANT



UV RESISTANT



-25°C ~ +75°C



GREEN STAR

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Multi-Triad PVC Insulated Instrumentation Cables 110V, Cu, Overall Screened

Physical & Electrical Characteristics

WWC Product Code	Conductor Size mm ² (AWG)	Number of Triads	Conductor Diameter (mm)	Insulation Thickness (mm)	Approx. Overall Diameter (mm)	Min. Bending Radius (mm)		Approx. Weight (kg/100m)
						During Installation	After Installation	
5403BLU	1.5 (16) (7/0.50mm)	1	1.5	0.4	6.8	86	57	7.7
*SM5404BLU		2	1.5	0.4	10.9	137	92	14.6
5406BLU		3	1.5	0.4	11.1	140	93	19.9
*SM5407BLU		4	1.5	0.4	13.0	164	109	26.0
*SM5408BLU		6	1.5	0.4	16.0	202	134	38.7
*SM5409BLU		8	1.5	0.4	16.7	210	140	48.5
*SM5410BLU		10	1.5	0.4	20.2	255	170	63.0
*SM5411BLU		12	1.5	0.4	21.7	273	182	74.7
*SM5412BLU		16	1.5	0.4	23.6	297	198	98.0
*SM5414BLU		18	1.5	0.4	24.9	314	209	108.8
*SM5416BLU		20	1.5	0.4	25.5	321	214	119.6
*SM5417BLU		24	1.5	0.4	29.9	377	251	141.4
*SM5418BLU		36	1.5	0.4	34.1	430	286	202.7

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

Conductor Size (mm ²)	Maximum D.C. Resistance of conductor at 20°C (Ω/km)	Maximum Capacitance (Cond. to Cond.) (pF/m)	Approximate Inductance @ 1kHz (mH/km)	L/R Ratio @ 1kHz (μH/Ω)
1.5	13.6	110	0.95	36.5

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