



Direct Cable Supplies
We Have All The Connections

SDI, Double Insulated Copper Cables



SPECIFICATIONS

Easy peel V90 sheathing for general wiring, unenclosed or in conduit for domestic, commercial or industrial installations	STANDARD	AS/NZS 5000.2
	VOLTAGE	450/750V
	CONDUCTOR	1-16mm
	INSULATION	PVC,V90 (White,Red,Black)
	SHEATH	PVC, 3V-90 ,White
	PACKAGED	100m, 500m
	SAA CERTIFICATE #	SAA141164

DCS #	Insulation colour	Conductor (mm2)		Overall Diameter	Approx Mass kg/km	Min. Installed Bending Radius	Max.DC Resistance @ 20°C Ω/km	Resistance Ω/km	Three Phase Voltage Drop @ 90°C mV/Am
		mm2	No./mm						
CMSDI-1.51CR	RED	1.5	7/0.50	4.1	40	20	13.6	0.157	33
CMSDI-1.51CW	WHITE	1.5	7/0.50	4.1	40	20	13.6	0.157	33
CMSDI-1.51CB	BLACK	1.5	7/0.50	4.1	40	20	13.6	0.157	33
CMSDI-2.51CR	RED	2.5	7/0.67	5.3	55	25	7.41	0.143	18
CMSDI-2.51CW	WHITE	2.5	7/0.67	5.3	55	25	7.41	0.143	18
CMSDI-2.51CB	BLACK	2.5	7/0.67	5.3	55	25	7.41	0.143	18
CMSDI-4.01CR	RED	4	7/.085	6.2	80	25	4.61	0.137	11.2
CMSDI-4.01CW	WHITE	4	7/.085	6.2	80	25	4.61	0.137	11.2
CMSDI-4.01CB	BLACK	4	7/.085	6.2	80	25	4.61	0.137	11.2
CMSDI-6.01CR	RED	6	7/1.04	6.8	100	32	3.08	0.128	7.5
CMSDI-6.01CW	WHITE	6	7/1.04	6.8	100	32	3.08	0.128	7.5
CMSDI-6.01CB	BLACK	6	7/1.04	6.8	100	32	3.08	0.128	7.5

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DCS #	Insulation colour	Conductor (mm2)		Overall Diameter	Approx Mass kg/km	Min. Installed Bending Radius	Max.DC Resistance @ 20°C Ω/km	Resistance Ω/km	(a)Three Phase Voltage Drop @ 90°C mV/Am
		mm2	No./mm						
CMSDI-10.01CR	RED	10	7/1.35	8.1	145	38	1.83	0.118	4.46
CMSDI-10.01CW	WHITE	10	7/1.35	8.1	145	38	1.83	0.118	4.46
CMSDI-10.01CB	BLACK	10	7/1.35	8.1	145	38	1.83	0.118	4.46
CM-SDI-16.01CR	RED	16	7/1.70	9.4	225	40	1.15	0.111	2.81
CM-SDI-16.01CW	WHITE	16	7/1.70	9.4	225	40	1.15	0.111	2.81
CM-SDI-16.01CB	BLACK	16	7/1.70	9.4	225	40	1.15	0.111	2.81

(a)For single phase voltage drop, multiply by 1.155

The above information is from the following sources: AS/NZS 3008.1.1 , AS/NZS 1125

SAA CERTIFICATED NUMBER # SAA141164