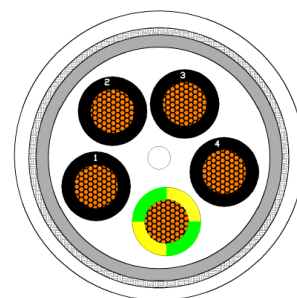




Multicore PVC Insulated EMC Control Cables 300/500V, Flexible Cu, Screened



Note: The above drawing is for representation purpose only.

Description

Conductor:	Class 2 Plain Annealed Copper
Insulation:	PVC V-75
Bedding:	PVC 4V-75
Screen:	Tinned Copper Braid
Sheath:	PVC 4V-75

Core identification

Black cores with white numbering, Green/Yellow

Sheath Colour

Transparent

Technical Data

Voltage Rating:	300/500V
Operating Temperature:	Static: -25°C to +75°C, Flexing: -5°C to +70°C
Short Circuit Temperature :	140°C for 5 sec

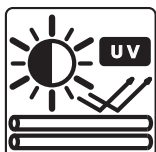
Standards Compliance

AS/NZS 5000.1	AS/NZS 1660.5.1 (Equivalent to IEC60332-3-24)
AS/NZS 1125	AS/NZS 1660.5.6 (Equivalent to IEC 60332-1)
AS/NZS 3808	

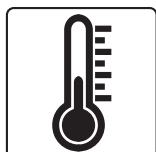
Characteristics



FLAME RETARDANT



UV RESISTANT



-25°C ~ +75°C



FLEXIBLE



GREEN STAR

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Multicore PVC Insulated EMC Control Cables 300/500V, Flexible Cu, Screened

Physical & Electrical Characteristics

WWC Product Code	Number of cores	Conductor Size (mm ²)	Conductor Diameter (mm)	Insulation Thickness (mm)	Earth Conductor Size (mm ²)	Approx. Overall Diameter (mm)	Min. Bending Radius (mm)		Approx. Weight (kg/km)	Max. D.C. Resistance of cond. at 20°C (Ω/km)
							During Installation	After Installation		
8200	2C+E	0.5	0.94	0.4	0.5	7.2	60	45	83	39.0
8201	3C+E	0.5	0.94	0.4	0.5	7.7	65	49	100	39.0
8202	4C+E	0.5	0.94	0.4	0.5	8.0	67	50	118	39.0
8203	6C+E	0.5	0.94	0.4	0.5	8.6	72	54	138	39.0
8204	11C+E	0.5	0.94	0.4	0.5	11.2	94	71	212	39.0
8205	24C+E	0.5	0.94	0.4	0.5	15.8	133	100	397	39.0
8206	3C+E	0.75	1.16	0.4	0.75	8.0	67	50	128	26.0
8207	6C+E	0.75	1.16	0.4	0.75	9.4	79	59	180	26.0
8208	11C+E	0.75	1.16	0.4	0.75	12.3	103	77	269	26.0
8209	17C+E	0.75	1.16	0.4	0.75	14.4	121	91	369	26.0
8210	2C+E	1.0	1.34	0.4	1.0	7.9	66	50	115	19.5
8211	3C+E	1.0	1.34	0.4	1.0	8.5	71	54	140	19.5
8212	6C+E	1.0	1.34	0.4	1.0	10.4	87	66	201	19.5
8213	11C+E	1.0	1.34	0.4	1.0	13.3	112	84	321	19.5
8214	17C+E	1.0	1.34	0.4	1.0	15.8	133	100	449	19.5
8215	24C+E	1.0	1.34	0.4	1.0	19.3	162	122	632	19.5
8223	2C+E	1.5	1.56	0.4	1.5	9.0	76	57	139	13.3
8216	3C+E	1.5	1.56	0.4	1.5	9.6	81	60	164	13.3
8217	4C+E	1.5	1.56	0.4	1.5	10.3	87	65	196	13.3
8218	6C+E	1.5	1.56	0.4	1.5	11.0	92	69	240	13.3
8219	11C+E	1.5	1.56	0.4	1.5	14.6	123	92	390	13.3
8220	24C+E	1.5	1.56	0.4	1.5	20.5	172	129	769	13.3
8221	2C+E	2.5	2.0	0.5	2.5	10.3	87	65	201	7.98
8222	3C+E	2.5	2.0	0.5	2.5	11.0	92	69	248	7.98
*SM8224	4C+E	2.5	2.0	0.5	2.5	12.1	102	76	293	7.98
*SM8225	5C+E	2.5	2.0	0.5	2.5	13.2	111	83	348	7.98
*SM8226	6C+E	2.5	2.0	0.5	2.5	13.2	111	83	363	7.98
*SM8227	7C+E	2.5	2.0	0.5	2.5	15.2	128	96	413	7.98
*SM8228	8C+E	2.5	2.0	0.5	2.5	16.8	141	106	479	7.98

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Multicore PVC Insulated EMC Control Cables 300/500V, Flexible Cu, Screened

Physical & Electrical Characteristics

WWC Product Code	Number of cores	Conductor Size (mm ²)	Conductor Diameter (mm)	Insulation Thickness (mm)	Earth Conductor Size (mm ²)	Approx. Overall Diameter (mm)	Min. Bending Radius (mm)		Approx. Weight (kg/km)	Max. D.C. Resistance of cond. at 20°C (Ω/km)
							During Installation	After Installation		
*SM8229	9C+E	2.5	2.0	0.5	2.5	17.2	144	108	545	7.98
*SM8230	11C+E	2.5	2.0	0.5	2.5	18.1	152	114	620	7.98
*SM8231	13C+E	2.5	2.0	0.5	2.5	19.1	160	120	705	7.98
*SM8232	15C+E	2.5	2.0	0.5	2.5	19.9	167	125	800	7.98
*SM8233	17C+E	2.5	2.0	0.5	2.5	21.6	181	136	889	7.98
*SM8234	19C+E	2.5	2.0	0.5	2.5	22.1	186	139	948	7.98

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

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