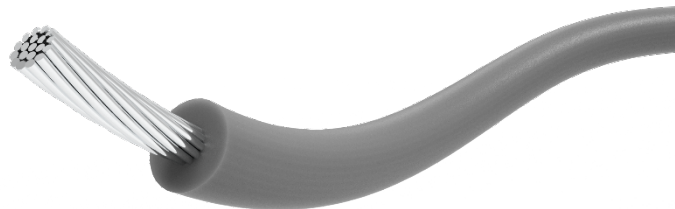


CASPLAST™ RW

3 GKW Flex
-40°C to +120°C , 0.6/1 kV



Construction

Type: single core power and control cable

Conductor: Tinned fine copper strands, according to VDE 0295 / IEC 60228 Class 5

Insulation: polyolefin copolymer electron-beam cross-linked

Production

Range width: 0.75 to 400 mm²

Options: Please consult us for any special requirements

Application

Rolling stock : power cables with special fire performance used inboards safety circuits, lighting circuits, auxiliary circuits

General characteristics

Chemical behavior : very good resistance to acids, base, mineral oil and fuel

Mechanical behavior : excellent cut-through resistance and excellent abrasion resistance

Thermal characteristics

Operating temperature: -40°C to +120°C (fixed)
90°C (moved occasionally)

Electrical characteristics

Operating Voltage: 0.6 / 1kV

Test Voltage: 4kV AC

Approvals – Standards

Flame retardant: IEC 60332-1-2

Corrosivity of gases: IEC 60754-2; IEC 60754-1

Smoke density: IEC 61034-1+2

Oil-resistant: IEC 60811-404

Halogen-free: IEC 50267-1; IEC 60754-1

Vertical flame propagation: IEC 60332-3-24; IEC 60332-2-5

Casmoc Part No.	Cross section	Conductor Structure			Final O.D.				Approx. Wt.	
	(mm ²)	# Strands	Diam. Of Strands		(in)	(mm)	Tolerance		(lb./kft)	(kg/km)
			(in)	(mm)			(in)	(mm)		
1120030-5X	0.5	16	0.008	0.20	0.077	1.95	0.008	0.2	7	10
1120030-75X	0.75	24	0.008	0.20	0.087	2.20	0.008	0.2	9	13
1120031X	1	32	0.008	0.20	0.094	2.40	0.008	0.2	11	17
1120031-5X	1.5	30	0.010	0.25	0.106	2.70	0.008	0.2	15	23
1120032-5X	2.5	49	0.010	0.25	0.130	3.30	0.008	0.2	24	35
1120034X	4	56	0.012	0.30	0.152	3.85	0.008	0.2	36	53
1120036X	6	84	0.012	0.30	0.171	4.35	0.008	0.2	51	76
11200310X	10	315	0.008	0.20	0.209	5.30	0.012	0.3	82	122
11200316X	16	490	0.008	0.20	0.272	6.90	0.012	0.3	126	187
11200325X	25	779	0.008	0.20	0.331	8.40	0.012	0.3	190	283
11200335X	35	1045	0.008	0.20	0.374	9.50	0.012	0.3	266	396
11200350X	50	969	0.010	0.25	0.469	11.90	0.012	0.3	376	560
11200370X	70	1355	0.010	0.25	0.555	14.10	0.020	0.5	504	750
11200395X	95	1850	0.010	0.25	0.606	15.40	0.020	0.5	659	980
112003120X	120	2331	0.010	0.25	0.685	17.40	0.020	0.5	829	1234
112003150X	150	2960	0.010	0.25	0.791	20.10	0.039	1.0	1042	1550
112003185X	185	3700	0.010	0.25	0.866	22.00	0.039	1.0	1250	1860
112003240X	240	4800	0.010	0.25	0.976	24.80	0.039	1.0	1680	2500
112003300X	300	4144	0.012	0.30	1.067	27.10	0.039	1.0	2117	3150
112003400X	400	5439	0.012	0.30	1.240	31.50	0.039	1.0	2621	3900

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CAUTION

The information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact Casmoc Cable for dimensional verification. Information herein is believed to be accurate as of the publication date; however, if an error exists it is unintentional and Casmoc Cable is not responsible for any claim traceable to such error.

