

318*B 05Z1Z1-F Technical Data Sheet



Rated Voltage	Max. Operating Temperature	Min. Temperature of Insulation	Max. Temperature of Short Circuit	Min. Internal Bending Radius	Max. Mechanical Stress
300/500V	70°C	-5°C	150°C	6xD	5Kg/mm

Conductor:	Class 5, flexible cord in plain copper to EN 60228
Insulation:	Low Smoke Zero Halogen thermoplastic compound Type TI6
Sheath:	Low Smoke Zero Halogen thermoplastic compound Type TM7
Core Colours:	4 core: Blue, Brown, Green/Yellow and Black 5 core : Blue, Brown, Green/Yellow, Red and White 6 core : Blue, Brown, Green/Yellow, Red, White and Black 7 core : Blue, Brown, Green/Yellow, Red, White, Black and Grey
Standards:	CEI EN 50363 , RoHS2002/95/CE. Flame retardant to EN 50265/2-1, IEC 60332-1 Halogen free to EN 50267/-2-1, IEC 60754/1 Where applicable EN 50525-3-11
Application:	Used for indoor general wiring primarily in public areas e.g. hospitals, airports and schools. For installation where fire and smoke emissions can cause threat to equipment and potentially a threat to life. This cable is not suitable in elevated temperature zones, near incandescent lamps and luminaires, outdoor use, wiring of industrial, agricultural or non domestic portable appliances. This cable is mainly used in applications where low smoke emissions and corrosive gases are required when the cable is exposed to fire.

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Size (No x mm)	Mean Overall Diameter (+/-0.2) (mm)	Indicative Weight of Cable (g/m)	Insulation Thickness (mm)	Sheath Thickness (mm)
4x0.75	7.2	79	0.44-0.6	0.58-0.8
4x1.0	7.8	97	0.44-0.6	0.66-0.9
4x1.5	9.3	137	0.53-0.7	0.75-1.0
5x0.75	8	99	0.44-0.6	0.66-0.9
5x1.0	8.6	119	0.44-0.6	0.66-0.9
5x1.5	10.3	170	0.53-0.7	0.84-1.1
5x2.5	12.10	247	0.62- 0.8	0.92- 1.2
6x0.75	8.9	121	0.44 - 0.6	0.75 - 1.0
6x1.0	9.5	144	0.44 - 0.6	0.75 - 1.0
6x1.5	11.4	206	0.53 - 0.7	0.92 - 1.2
6x2.5	14	300	0.80	1.2
7x0.75	8.9	126	0.44 - 0.6	0.75 - 1.0
7x1.0	9.5	151	0.44 - 0.6	0.75 - 1.0
7x1.5	11.4	216	0.53 - 0.7	0.92 - 1.2