

TECHNICAL DATA SHEET

AEI FIRETEC ENHANCED

Standard BS7629-1

Fire Performance

BS6387 CWZ – LPCB

BS EN50200 – PH120 & BS8434-2

BS 8519:2020 – Category 1,2 & 3 – Control Cable (LPCB Certified)

BS5839-1; Clause 26.2e “ENHANCED” grade fire alarm cable

BS5839-8 Voice Alarms, BS5266-1 8.2.2(b) Emergency Lighting

Additional Fire Performance

BS EN50267 – IEC60754 – Acid Gas Emission

BS EN50268 – IEC61034 - Smoke Emission

BS EN50265, 50266 – IEC60332 – Flame Propagation



No. of Cores & CSA	Current Rating (Clipped Direct)		Voltage Drop (Clipped Direct)			Max DC Conductor Resistance	Approx Overall Diameter	Approx Cable Weight
	Single Phase ac or dc	Three Phase ac	dc	Single Phase ac	Three Phase ac			
no x mm ²	Amps	Amps	mV/A/M	mV/A/M	mV/A/M	Ω/Km	mm	Kg/Km
2 x 1.50	19.5	-	29	29	-	12.1	9.0	107
2 x 2.50	27	-	18	18	-	7.41	10.3	152
2 x 4.00	36	-	11	11	-	4.61	11.4	199
3 x 1.50	-	17.5	-	-	25	12.1	9.6	137
3 x 2.50	-	24	-	-	15	7.41	11.0	192
3 x 4.00	-	32	-	-	9.5	4.61	12.2	255
4 x 1.50	-	17.5	-	-	25	12.1	10.4	164
4 x 2.50	-	24	-	-	15	7.41	12.0	234
4 x 4.00	-	32	-	-	9.5	4.61	13.4	322

Bend Radius 6 x Overall Diameter

Operating Temp -10°C to +90°C

Core Colours

2 Core Brown & Blue

3 core Brown, Black & Grey

4 Core Brown, Blue, Black & Grey

Voltage Rating 300/500 Volt

Sheath Colour

Red or White Standard (other options available)

UV Resistant

Packaging

100, 200, 500MTR Reels (Bulk Lengths available to order)