

TECHNICAL DATA SHEET

AEI FIRETEC STANDARD

Standard BS7629-1

Fire Performance

BS6387 CWZ – LPCB
 BS EN50200 – PH30, PH60, PH120
 BS 8519:2020 – Category 1 – 30 Minutes Control Cable
 BS5839-1; Clause 26.2d “STANDARD 60” grade fire alarm cable
 BS5839-8 “STANDARD” Voice Alarms, BS5266-1 8.2.2(a) 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	8.5	107
2 x 2.50	27	-	18	18	-	7.41	9.6	143
2 x 4.00	36	-	11	11	-	4.61	10.8	193
3 x 1.50	-	17.5	-	-	25	12.1	9.4	137
3 x 2.50	-	24	-	-	15	7.41	10.2	180
3 x 4.00	-	32	-	-	9.5	4.61	11.5	244
4 x 1.50	-	17.5	-	-	25	12.1	10.2	166
4 x 2.50	-	24	-	-	15	7.41	11.2	222
4 x 4.00	-	32	-	-	9.5	4.61	12.6	302

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

Sheath Colour

Red or White Standard (other options available)

Packaging

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