



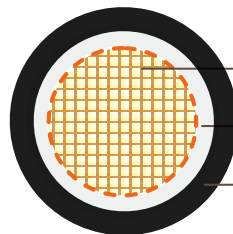
Zero Halogen Flame Retardant 110°C Double Insulated Cable, 0.6/1kV

Application

These cables are used in power and switchboard fixed applications.

Standard

AS 5000.1
AS 1125
AS 3808



Plain copper conductor
R -E-110 insulation
HFS-110-TP sheath

Cable Construction

Conductor: Nominal 0.2mm stranded flexible plain copper wire to AS1125

Insulation: R -E-110 to AS3808

Insulation Colour: White

Sheath: HFS-110-TP to comply with AS3808

Sheath Colours: Orange , Black - other colours available by request

Technical Characteristics

Conductor Size mm ²	Electrical Resistance @20.C Ohm/km	Current Rating' AMPS 2 single cores	Voltage Drop mV 1Am at Max operating Temperature	
			Single Phase	Three Phase
10	1.910	105	4.97	4.30
16	1.210	135	3.13	2.70
25	0.780	185	1.99	1.72
35	0.554	225	1.44	1.24
50	0.386	275	1.07	0.92
70	0.272	350	0.769	0.65
95	0.206	435	0.567	0.48
120	0.161	510	0.465	0.39



Cable Parameter

Conductor Size	No.of cores	Conductor No./ OD	Nominal Insulation Thickness	Nominal Sheath Thickness	Nominal O.D.	Approx.cable weight
mm ²		mm	mm	mm	mm	kg/100m
10	1	322/0.2	1.0	1.4	9.1	16.30
16	1	511/0.2	1.0	1.4	10.1	23.40
25	1	784/0.2	1.2	1.4	11.8	33.60
35	1	1120/0.2	1.2	1.4	13.1	44.60
50	1	1568/0.2	1.4	1.4	14.9	62.50
70	1	2240/0.2	1.4	1.4	17.0	81.80
95	1	3040/0.2	1.6	1.5	19.3	113.00
120	1	3800/0.2	1.6	1.5	20.8	137.40