



## FireTuf plus enhanced sheath

Solid copper conductor to BS6360 (class 1) for sizes up to and including 2.5sqmm. Stranded plain annealed copper for sizes of 4sqmm and above / silicone rubber to BS7655; section 1.1, type E12/Close weave glass tape to BSEN61067/TC earth / Enhanced electrostatic aluminium and polyester laminated tape / thermoplastic zero halogen, low smoke compound sheath.

<b>Voltage rating:</b>	300/500 v
<b>Temperature range:</b>	-40°C to +90°C
<b>Sheath colours:</b>	Red (white available from stock)
<b>Core colours:</b>	2 core + earth: Brown and Blue 3 core + earth: Brown, Grey and Blue 4 core + earth: Brown, Grey, Blue and Black
<b>Circuit integrity</b>	BS5839-1:2002 clause 26.2e Enhanced, BS8434-2:2003, EN50200 PH120, BS6387 C, W and Z
<b>Flame propagation:</b>	BS EN 50266, IEC60332-1, IEC60332-3 BS EN 60332:2004, EN50266
<b>Smoke emissions:</b>	IEC 61034, BS EN 61034:2005
<b>Corrosive acid gas:</b>	BSEN 50267, IEC60754
<b>Standards:</b>	Firetufplus has been specifically designed to meet the enhanced requirements detailed in BS5839-1:2002, clause 26.2e. It therefore meets the PH120 class and additionally meets the requirements for integrated water spray and mechanical shock also described in clause 26.2e, and detailed in BS8434 part 2:2003



Tested and approved by LPCB (Ref: 076g/01):  
60 minutes – fire and mechanical impact, followed by  
60 minutes – fire and mechanical impact and water

Firetufplus achieves the enhanced performance, whilst retaining all the advantages associated with a pilable cable. These include: lower termination costs, no special tools or training, ease of handling and installation

Firetufplus achieves the enhanced performance by application of state of the art materials technology, providing advanced resistance to fire and heat, enabling the maintenance of circuit integrity through this most onerous testing protocol

No of cores	Size sq.mm	Overall diameter	Weight kg/km	Capacitance core-core PF/m	Capacitance core-screen F/m	BATT part no White	BATT part no Red
2	1.5	8.6	130	102	180	44305	44202
3	1.5	9.0	135	102	180	-	-
4	1.5	10.1	170	102	180	44292	44209
2	2.5	9.9	175	115	205	44308	44286
3	2.5	10.6	200	115	205	-	-
4	2.5	11.9	250	115	205	44292	44290
2	4	11.7	250	125	230	-	-
3	4	12.8	300	125	230	-	-
4	4	14.4	370	125	230	-	-