

Multicore Cable - 3 Core

pro-POWER



Technical Specification:

S.No.	Performance Items	Unit	Technical Data	
1	General		PP000651, PP000652	PP000649, PP000650
a)	Cable Type/Code		YGG	
b)	No. of Cores and Cross-Sectional Area of Conductor		3G0.75	3G1.5
c)	Nominal Voltage Uo/U	V	450/750	
d)	Execute Standards(Non-identical adoption)			
2	Construction Dimensions			
2.1	Conductor			
a)	Material		Annealed tinned copper wires	
b)	In accordance with Standards		Class 5, as per IEC60228	
c)	Nom. Cross-Sectional Area	mm ²	0.75	1.5
d)	No. of Wire/Dia. of Wire In Conductor	(Nos./mm)	24/0.2	30/0.25
e)	Nominal Diameter	mm	1.13	1.55
2.2	A Layer of Isolation Over Conductor			
a)	Material	mm	Polyester tape	
2.3	Insulation			
a)	Material		Silicone Rubber	
b)	Average Thickness	mm	0.6	0.8
c)	Dia. Over Core	mm	2.33	3.15
d)	Core Identification		Blue, Brown, & G/Y	Blue, Brown & G/Y

Technical Specification:

S.No.	Performance Items	Unit	Technical Data	
2.4	Outer Sheath			
a)	Material		Silicone Rubber	
b)	Nominal Thickness	mm	1	1.2
c)	Min. Thinnest Thickness	mm	0.75	0.92
d)	Sheath Diameter	mm	7	9.2
e)	(+/-)Tolerance	mm	±1	±1
3	Electricity Data			
a)	Max. DC Resistance at 20°C	Ω/km	26.7	13.7
b)	Voltage Test		2,200V/5min, not punctured	
c)	Rated current	A	10	20
4	Engineering Data			
4.1	Cable Operation Temperature Range			
a)	Nominal Operation	°C	-40 to +180	-40 to +180

Part Number Table

Description	Part Number
Multicore, 3 Core, 1.5mm ² , 25m, White	PP000649
Multicore, 3 Core, 1.5mm ² , 25m, Black	PP000650
Multicore, 3 Core, 0.75mm ² , 25m, White	PP000651
Multicore, 3 Core, 0.75mm ² , 25m, Black	PP000652

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-POWER is the registered trademark of the Group. © Premier Farnell plc 2012.