



Technical Specification:

S.No.	Performance Items	Unit	Technical Data	
1	General			
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

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2.4	Outer Sheath			
a)	Materiel		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 puncturer	
c)	Rated current	A	6.5	16
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, 2 Core, 1.5mm ² , 25m, White	3651
Multicore, 2 Core, 0.75mm ² , 25m, White	3653
Multicore, 2 Core, 1.5mm ² , 25m, Black	3652
Multicore, 2 Core, 0.75mm ² , 25m, Black	3654

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