



## Technical Specification:

S.No.	Performance Items	Unit	Technical Data	
<b>1</b>	<b>General</b>			
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)			
<b>2</b>	<b>Construction Dimensions</b>			
<b>2.1</b>	<b>Conductor</b>			
a)	Material		Annealed tinned copper wires	
b)	In accordance with Standards		Class 5, as per IEC60228	
c)	Nom. Cross-Sectional Area	mm <sup>2</sup>	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
<b>2.2</b>	<b>A Layer of Isolation Over Conductor</b>			
a)	Material	mm	Polyester tape	
<b>2.3</b>	<b>Insulation</b>			
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	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 <sup>2</sup> , 25m, White	3651
Multicore, 3 Core, 1.5mm <sup>2</sup> , 25m, Black	3652
Multicore, 3 Core, 0.75mm <sup>2</sup> , 25m, White	3653
Multicore, 3 Core, 0.75mm <sup>2</sup> , 25m, Black	3654

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