



Code :
6181 YH CU/PVC/PVC

Voltage Rating :
300/500 V

Standards :
BS 6004
IEC 60228 **Conductor**

Reaction to Fire Classification (CPR) :
EN 60332-1-2 **Flame Retardant**

Conductor :
Solid Copper Conductor (Class 1)
Stranded Copper Conductor (Class 2)

Insulation :
PVC (Polyvinyl Chloride)

Filler :
-

Armour :
-

Sheath :
PVC (Polyvinyl Chloride)

Technical Data :
Max. Operating Temperature : 70°C
Short Circuit Temperature : 160°C (max.5 sec.)
Bending Radius : 12D (D : Overall Diameter)
Test Voltage : 2,0 kV

Application :
In dry rooms, switch and distribution boards, for laying in conduit on and under plaster and on insulating supports above plaster

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In Ground at 20°C	In Air at 30°C
1x1,5 re	4,4	41,4	100	12,1	-	16
1x1,5 rm	4,5	43,7	100	12,1	-	16
1x2,5 re	4,9	55,9	100	7,41	-	21
1x2,5 rm	5,2	59,5	100	7,41	-	21
1x4 re	5,6	77,0	100	4,61	-	27
1x4 rm	5,9	81,7	100	4,61	-	27
1x6 re	6,1	99,1	100	3,08	-	34
1x6 rm	6,5	105,9	100	3,08	-	34
1x10 rm	7,8	153,6	1000	1,83	-	45
1x16 rm	9,0	224,5	1000	1,15	-	57
1x25 rm	10,8	339,7	1000	0,727	-	-
1x35 rm	12,0	438,5	1000	0,524	-	-

Note :

Current carrying capacities are valid at 30°C ambient temperature