




Description: Silicone glass braided single core cable. Ideal for applications in environments where temperatures are either high or low, these cables work between -50°C to +180°C. When exposed to fire they emit minimal levels of smoke and halogen gas.



Construction

Conductor Material : Tinned Copper, Class 5
 Conductor Insulation : Silicone Rubber
 Braid : Impregnated Glass Fibre
 Colours Available : Replace XX in the part number with

00		04		08	
01		05		09	
02		06		10	
03		07		99	

Electrical Characteristics

Nominal Conductor Resistance : BS EN 60228
 Voltage Rating : 300/500 V
 Test Voltage : 2000V

Physical Characteristics

Min. Bend Radius : 10 x OD
 Temperature Rating : -50°C to +180°C
 Short-Term Temperature : 200°C

Standards

Flame Retardant : BS EN 60332-1-2
 Halogen Gas Emission : BS EN 60754-1&2
 RoHS3 Compliant : Yes
 CE Compliant : LVD (2014/35/EU)

Part No.	Size mm ²	Weight kg/km	OD mm	Part No.	Size mm ²	Weight kg/km	OD mm
461005xx	0.50	11	2.5	46110004	10	137	7.6
461007xx	0.75	14	2.8	46116004	16	200	8.4
461010xx	1.0	16	2.9	45125004	25	300	10.2
461015xx	1.5	22	3.2	45135004	35	400	11.3
461025xx	2.5	34	3.8	45150004	50	550	13.4
46104004	4.0	53	4.6	45170004	70	750	15.4
46106004	6.0	76	5.4	45195004	95	1000	17.8