

18 AWG UL 4535 Silicone Cable

KT1109



Applications

UL 4535 Silicone Cable is recommended for applications with high temperatures, strong UV light and mechanical abuse, including foundries, steel mills, glass factories, baking equipment, burners, heating and lighting systems. Can be used anywhere salt water is present and high temperature processes are utilized.

Construction

Conductor	Tinned copper strands
Insulation	Besilen® EI2
Jacket Material	Besilen® EM9
Jacket Color	Reddish brown
Stranding	In layers



18 AWG Types

AWG Size	No. of Cond.	Conductor Stranding	Approx LBS/MFT	Nom. O.D. of Cable (in)	Nom. O.D. of Cable (mm)
18	2	30/32	36	0.24	6.10
18	3	30/32	43	0.252	6.40
18	4	30/32	52	0.276	7.01
18	5	30/32	65	0.299	7.59
18	7	30/32	81	0.327	8.31
18	8	30/32	102	0.378	9.60
18	10	30/32	116	0.417	10.59
18	12	30/32	130	0.429	10.90
18	16	30/32	177	0.484	12.29
18	18	30/32	192	0.512	13.00
18	24	30/32	247	0.606	15.39

Technical Data

Minimum Bending Radius	< 12mm = 3 x O.D.	> 12mm = 4 x O.D.
Free Movement	< 12mm = 5 x O.D.	> 12mm = 6 x O.D.
Radiation Resistance	2 x 10 ⁷ cJ/kg	
Temperature Range	DIN VDE: Static: -40°C/+180°C DIN VDE: Flexing: -25°C/+180°C DIN VDE: Short-time use: +250°CUL/CSA: up to +150°C	
UL: AWM Style 4535 150°C 600V		
CSA: AWM I/II A 150°C 600V FT1 FT2		

Order Informations:

Marking	KINGTONE KT1109 18 AWG UL 4535 SILICONE CABLE XXX M/FT
Package	500FT/Pull Box, 1000FT/Wooden Spool, Pallet
Delivery time	Normally 15 days after received the deposit.

Online Service:

Skype	kingtone3
ICQ	246632889