

Application

- ✓ Suitable for railed Vehicles.
- ✓ Used in all Electrical Connections.

Features

- ✓ Assures High Electrical Strength and Mechanical Durability.
- ✓ Highly Resitive to Oil, Short Circuit and Earth Faults.
- ✓ Electron Beam Cross Linked Insulation.
- ✓ Flexibility, thin and Optimized Weight.

Product Construction

- ✓ Conductor: Fine Tinned Copper Strand Wires.
- ✓ Insulation: Grey Color Polyolefin Copolymer Compound.
- ✓ Outer Sheath: Black Color Polyolefin Copolymer Compound.

ISO 9001	ISO 14001	AS 9100	ISO 45001
			

Technical Data

- ✓ Temperature Range:
Fixed Installations : - 60°C to +120°C
Occasionally Moved : - 25°C to +90°C
Short Circuit : +200°C
- ✓ Voltage for Testing : 6.5 kV
- ✓ Bending Radius(Minimum):
<10 mm: Fixed Installations : >5 x Cable Diameter.
Occasionally Moved : >7 x Cable Diameter.
>10 mm: Fixed Installations : >6 x Cable Diameter.
Occasionally Moved : >8 x Cable Diameter.
- ✓ Rated Voltage:(U₀/U)
AC 1.8/3 kV
DC 2.7 kV

Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Copper Index Kg/Km	Weight Kg/Km approx.
6371007	1C x 1	3.9	9.6	25
6371307	1C x 1.5	4.2	14.4	31
6371607	1C x 2.5	5.1	24.0	47
6371907	1C x 4	6.0	38.4	71
6372307	1C x 6	6.6	57.6	94
6372707	1C x 10	8.3	96.0	153
6372807	1C x 16	9.4	154.0	221
6373007	1C x 25	11.5	240.0	339
6373207	1C x 35	12.7	336.0	448
6373407	1C x 50	15.0	480.0	635
6373707	1C x 70	16.8	672.0	849
6373807	1C x 95	19.2	912.0	1143
6374107	1C x 120	20.9	1152.0	1407
6374207	1C x 150	23.4	1440.0	1760
6374407	1C x 185	25.8	1776.0	2168
6374607	1C x 240	29.3	2304.0	2794


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