

TFL 424 07



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Part NO: 3483
Product Code: 1301-TFL 424 07

Product Description

Reference Standard

Shielded Cable for power supply

Multi-construction

2Cores

Cable Construction

Conductor

Tinned Copper

Construction T0.395±0.008 × 37 (Nom4.8mm2)

Insulation

PE

Thickness 0.52

Insulation Dia.(mm) 3.95±0.15

Insulation Color Black , Red

Total Mylar spiral ≥125%

Braiding Layer

Tinned Copper

Construction (stranded) 0.12±0.005×16×9

Braiding coverage 75%

Jacket

LSZH

Thickness(mm) 0.8

Dia.(+/-0.3mm) 9.9 x 7.4 Nominal

Jacket Color Grey(RAL 7038)

Marking

ROFQ 2 x AWG10 ERICSSON TFL 424 07 UL 1277 Max 85C Max 600V [YrWk] [Metermark]

PACKAGING

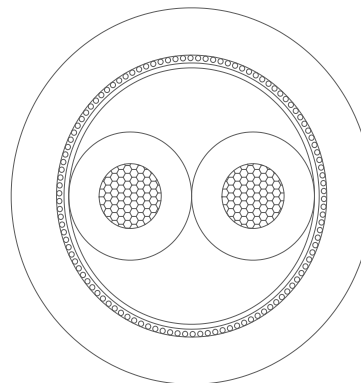
500M/Wooden Drum

Bending Radius

Fixed 100mm

Flexible 180mm

Design



Electrical Characteristics

Max.Conductor DC Resistance at 20°C (Ω /Km)	<3.8
Rated Temperature(°C)	-20 to +85
Min.Insulation DC Resistance at 20°C (MΩ*Km)	200
High voltage test(conductor/conductor)	5kv DC
High voltage test(conductor/shield)	5kv DC
Voltage test of jacket(spark)	6.75kv AC
Voltage test of insulation(spark)	2kv AC
Flame Retardant	IEC 60332-1 IEC 60332-3C UL 1685
Current Load	Max 25 Amps
Pull Force	Max 130 N
Max Voltage (V)	600

RoHS GUIDELINE

We operate according to the following standards

Control Item	Standard	Testing Method	Testing Equipment
Cadmium content (Cd)	<0.01%	EN1122	ICP-AES
Lead content (Pb)	<0.1%	EPA3050B	ICP-AES
Mercury content (Hg)	<0.1%	EPA3052	ICP-AES
Chromium (VI) content	<0.1%	EPA3060(UN-VIS)	ICP-AES
Polybrominated Biphenyls(PBB)	Forbidden	GC/MS	/
Polybrominated Diphenyl Ether (PBDE)	Forbidden	GC/MC	/

Revision History

Rev 2 Conductor & Insulation

Date: 02/09/2010

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