

TFL 252 5, RLCL

Product Information



Conductor

Stranded, tinned copper wires.

Insulation

Flame retardant polyethylene.

Cabling

Twisted conductors.

Shield

Tin-plated copper wires + Al-PET foil

Sheath

Flame retardant polyethylene, black.

Operating voltage

Max 300 V

Operating temperature

Min -20 °C (-40 °C when fixed)
Max 80 °C

Fire resistance

IEC 60332-1
UL1581 sec 1080 (VW-1)

Application

Cable for power supply in telecom equipment, halogen free insulation and sheath. EMC shield. UL-recognized, internal and external use. Sunlight resistant, not for direct burial.

Technical data

Part no.	Conductors x size	Diameter, nom. (mm)			Weight/100m (kg)	Resistance (ohm/km)
		Conductor	Insulation	Sheath		
TFL 252 501/2	2 x 18 AWG	1,2	2,3	6,5	5,7	23
TFL 252 502/3	3 x 1,5 mm ²	1,6	2,7	8,5	9,7	13,7
PLU030522 TFL 252 503/2	2 x 2,5 mm ²	1,9	3	8,3	10	8,21
TFL 252 504/2	2 x 4 mm ²	2,7	3,8	6,5x10,3	13,8	5,09

All the values given are nominal

Ordering Information

Part no.	Conductors x size	Length (m)	Drum	Total weight (kg)
TFL 252 501/2	2 x 18 AWG	500	Bobbin	31
TFL 252 502/3	3 x 1,5 mm ²	300	Bobbin	32
PLU030522 TFL 252 503/2	2 x 2,5 mm ²	300	Bobbin	33
TFL 252 504/2	2 x 4 mm ²	500	S6	73

We reserve the right for changes due to continuous product development and/or changes in standards.