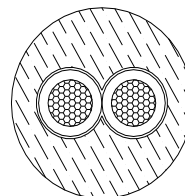


#3580 TFL 282 204



RG Wire & Cable Ltd

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©

Product Description

Application:
Cable for DC circuits in telecom equipment, halogen free insulation, and jacket.
External and internal use.

General Characteristics

Operating temperature range (°C) -20(-40 when fixed) to +80
Bending radius 8 x (4 when fixed) cable diameter

Cable Construction

1. Conductor	Tinned Copper
Construction(mm2)	41 x 0.254
2. Insulation	FRPE (Low smoke Zero Halogen)
Thickness (Nom)	0.4
Insulation Dia.(Nom. mm)	2.70x2C
Insulation Color	Grey & Black
3.Jacket	FRPE (Low smoke Zero Halogen)
Thickness (Nom. mm)	0.76
Insulation Dia.(±0.5 mm)	7.20
Jacket Color	Black (Sun Res.)

Marking (Two times per meter)
RG Wire & Cable #3580 TFL 282204 2x2.5 (14AWG) E477982 CN
AWM STYLE 21254 80°C 1000V VW-1 [WeekYear] 001m.....

Electrical Characteristics

Max.Conductor DC Resistance at 20°C (Ω/Km)	<8.21
Rated voltage (Max. V)	1000
Fire performance	UL 1581 VW-1 IEC 60332-3-24 cat C
Voltage withstand test	2000V AC, 50Hz, 1 minute
Tensile strength (Mpa)	≥8.27
Elongation	≥100%
Aged Condition	113±1°C×168h
Retained tensile strength	≥75%
Retained elongation	≥75%
UL recognized	AWM Style 21254

Packaging

Wooden Drum	500m/Reel
Weight (kg/100M)	7.0

Reference

Ericsson spec 1301-TFL 282 204 Uen, 2009-03-31 Rev. A

Environmental Compliance

1. CE: EU Directive 2011/65/EU(RoHS2):
This product complies with European Directive 2011/65/EU (RoHS Directive) of the European Parliament and of the Council of 8 June 2011. No exemptions are required for RoHS compliance on this item.

2. REACH Regulation (EC 1907/2006):
This product does not contain Substances of Very High Concern (SVHC) listed on the European Union's REACH candidate list in excess of 0.1% mass of the item.

CV	Notes	D	R	Date
A01	First release	MH	AH	19/08/22
A02	Jacket thickness and marking update	MH	AH	20/04/14
A03	Voltage updated	MH	AH	20/05/12
A04	Marking updated	MH	AH	20/07/06
A05	Packaging & performance update.	MH	AH	20/07/23
A06	Fire performance updated	MH	AH	21/02/24
A07	Factory code updated	LJ	AH	21/12/23