

#4802 - TFL 252503-2



RG Wire & Cable Ltd
 67 Cavendish Way
 Glenrothes KY6 2SB
 Scotland
 Tel: +44 1592 775800
 Fax: +44 1592 775822

Part NO: #4802

Product Code: RGW-2203

Product Description

Reference Standard

Customer's sample spec.and the general standard

Multi-construction

2Cores

Cable Construction

Conductor	Tinned Copper
AWG	14
Construction(mm)	T0.26±0.008 × 41
Insulation	HDPE
Thickness	0.55
Insulation Dia.(mm)	3.0±0.1×2C
Insulation Color	Black / Grey
Filler	2.0 PE Strip
Al-Pet Shield	≥125%
Braiding Layer	Tinned Copper
Construction (mm)	0.12±0.005×24×7
Braiding coverage	>78%
Jacket	LSZH
Thickness(mm)	0.85
Dia.(+/-0.3mm)	8.20
Jacket Color	Black

Marking (Twice/ Per meter)

RG Wire & Cable #4802 TFL 252 503/2 2 x 14 AWG [weekyear]

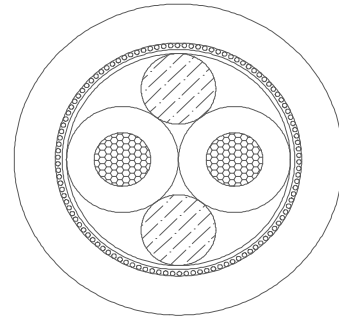
(UL) E334907 AWM 10513, AWM 21254 VW-1 Sun.Res.

Max. 440v [Metermark]

PACKAGING

500M/Wooden Drum

Design



Electrical Characteristics

Max.Conductor DC Resistance at 20°C (Ω /Km)	<8.21
Screen resistance	Nom 12 Ohm/m
Rated Temperature(°C)	-20(-40 when fixed) to +85
Min.Insulation DC Resistance at 20°C (MΩ*Km)	200
Operating voltage	440V
Test voltage(50Hz 1 minute)	2kv AC
Bending radius	8xOD (4 x OD when fixed)
Flame Retardant	UL 1581 VW-1
	IEC 60332-3-24 cat C
UV Resistance	UL 1581 Section Para. 1200
Weight (Kg/100m)	13.8

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 3	Printing Change
-------	-----------------

Date: 08/08/2014

Page: 1 of 1