

# 1301 TFL 252503-2



### Revision History

Part NO: C3-381	Price NO:
Prepared by: CXY	Date: 2018/6/5
Approved by:	Page: 1 of 1

**Product Code:** 1301 TFL 252503-2

### Product Description

**Application:**

Multi-conductor-audio, control. & Instrumentation Cables.

**Reference Standard**

Customer's sample spec. and the general standard

**Multi-construction**

4 Pair

### Cable Construction

<b>1. Conductor</b>	<b>Tinned Copper</b>
AWG	14
Construction(mm)	T0.265±0.008 × 41
<b>2. Insulation</b>	<b>HDPE</b>
Thickness	0.52
Insulation Dia.(mm)	3.0±0.10×2C
Insulation Color	Black / Grey
<b>3. Filler</b>	<b>2.0 PE Strip</b>
<b>4. Al-Pet Shield</b>	<b>≥125%</b>
<b>5. Braiding Layer</b>	<b>Tinned Copper Clad Aluminium</b>
Construction (mm)	TCCA0.12±0.005×24×7
Braiding coverage	>78%
<b>6. Jacket</b>	<b>LSZH</b>
Thickness(mm)	0.85
Dia.(mm)	8.20±0.30
Jacket Color	Black

**Marking (Twice/ Per meter)**

IEWC Germany GmbH #4802 E478019 2 x 14 AWG [WeekYear] UL CL3  
90C VW-1 Max 300V [Metermark]

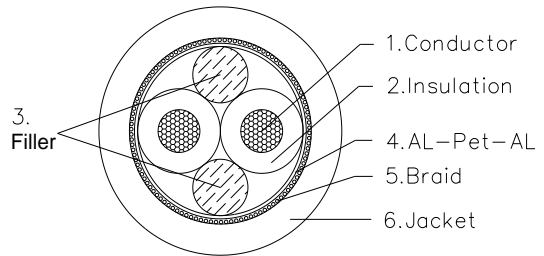
**PACKAGING**

500M/Wooden Drum	Drum Size(cm): φ40 x 48 x φ15
Palet size(cm): 80X120	1 Palet=12R×500M

**Label**

Part no: 32056297
Qty: 500mtrs
Order no: ?????
RoHS Compliant

### Design



### Electrical Characteristics

Max. Conductor DC Resistance at 20°C (Ω/Km)	<b>Max 8.21</b>
Rated Temperature(°C)	-20 to +80
Min. Insulation DC Resistance at 20°C (MΩ*Km)	200
Operating voltage	300V
Test voltage(50Hz 1 minute)	2kv AC
Bending radius	8xOD
Flame Retardant	UL 1581 VW-1
	IEC 60332-3-24 cat C
UV Resistance	UL 1581 Section Para. 1200

