

Uppgjord (även faktaansvarig om annan) - Prepared (also subject responsible if other)	Nr - No.	
96 EMW/FI/P BW                      EMWCCR	1301-TFL 424 03 Uen	
Dokansv/Godkänd - Doc respons/Approved	Kontr - Checked	Datum - Date
EAB/JN/D (Christer Claesson)		Rev
	2004-10-18	C
		File
		PLU030154

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**PLU030154**

## CABLE

### 1            GENERAL

Shielded cable for power supply, pair twisted wires.  
Jacket, non halogenic.

### 2            CONSTRUCTION

#### 2.1          CONDUCTOR

Stranded tin plated copper wire.  
49 x 0.36 mm.  
AWG10 (4.8 mm<sup>2</sup>)  
Ø nom = 2.95 mm.

#### 2.2          INSULATION

SEBS (TPE = Thermoplastic elastomer).  
Ø nom = 3.95 mm.

#### 2.3          CABLING

Twisted pair, colour black and red.  
Pitch = 160 mm.

#### 2.4          WRAPPING

Folie tape PET-band.

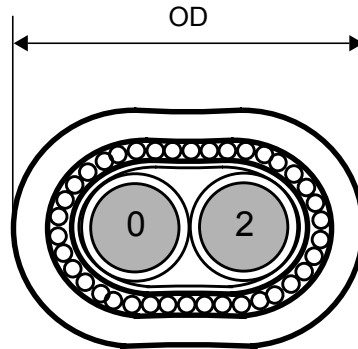
#### 2.5          SHIELD

Tin plated copper wire.  
Optical coverage = 75%.  
Ø nom = 8.8 mm.

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**2.6 JACKET**

Grey LSOH-material.  
 $\varnothing$  nom = 10.4 mm.


**3**
**ELECTRICAL VALUES - LIMITING VALUES**

Parameter	Conditions	Value	Unit
Test voltage	conductor - conductor conductor - braid	2	kV DC
Resistance, conductor		nom. 3.5	$\Omega$ / km
Insulation resistance		min. 200	M $\Omega$ / km
Current load	Depends on the maximum permitted voltage drop	max. 25	A
Temperature range		- 20...+80	$^{\circ}$ C
Bending radius	Fixed Flexible	100 180	mm
Pull force		max. 130	N

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4 FLAMMABILITY

According to IEC 332-1.

5 MARKING

The cable shall be marked with "ERICSSON" and ERICSSON product code "TFL 424 03", with a pitch of maximum two meters.

6 REFERENCES

IEC 332-1.

7 PRODUCT LIST

Product code Purchased	Weight kg/km
TFL 424 03	185

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REVISION RECORDS

Rev	Description
B	Paragraph 2.3, two polyester filler deleted. Paragraph 2.4 deleted. Figure is redrawn.
C	Paragraph 3. Current load changed, condition added.