

Uppgjord (även faktaansvarig om annan) - Prepared (also subject responsible if other)	Nr - No.	
95 EMW/FI/P BW EMWCCR	1301-TFL 424 02 Uen	
Dokansv/Godkänd - Doc respons/Approved	Kontr - Checked	Datum - Date
EAB/JN/D (Christer Claesson)		2004-10-18
	Rev	File
	C	PLU030043

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PLU030043CABLE, SHIELDED, NON HALOGENIC1 GENERAL

Connecting wire for data applications, shielded and jacket.
Non halogenic and flame resistant acc. to IEC 332-1.

2 CONSTRUCTION

Conductor: Stranded tin plated copper wire.
 28 x 0.254 mm \Rightarrow 1.4 mm²
 \varnothing nom = 1.54 mm.

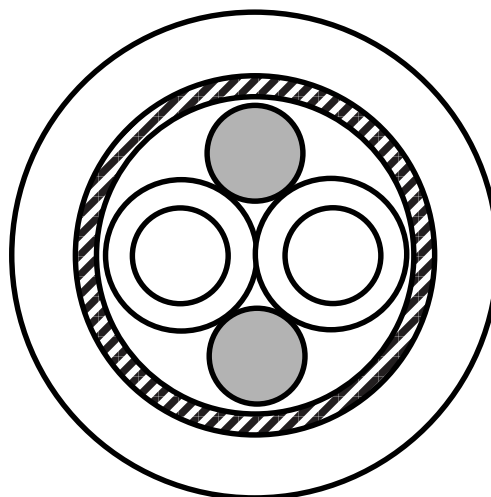
Insulation: SEBS (TPE = Thermoplastic elastomer).
 \varnothing nom = 2.4 mm.

Cabling: Two conductors BLACK/RED.
 Two polyester filler.
 Pitch = 100 mm.

Folie tape: PET-band.

Shield: Tin plated copper wire.
 Optical coverage = 75%.
 \varnothing nom = 5.5 mm.

Jacket: Grey LSOH-material.
 \varnothing nom = 7.2 mm.



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3 ELECTRICAL VALUES - LIMITING VALUES

Parameter	Conditions	Value	Unit
Resistance, conductor		nom 13.5	Ω / km
Insulation resistance		min 200	M Ω / km
Current load	Depends on the maximum permitted voltage drop.	max 10	A
Temperature range		- 20...+80	$^{\circ}$ C
Bending radius	Fixed Flexible	35 60	mm
Pull force		max 130	N

4 MARKING

The cable shall be marked with "ERICSSON" and ERICSSON product code "TFL 424 02", with a pitch of maximum two meters.

5 REFERENCES

IEC 332-1.

6 PRODUCT LIST

Product code Purchased	Weight kg/km
TFL 424 02	62

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REVISION RECORDS

Rev	Description
B	Paragraph 4 and 5 added.
C	Para 2: Conductor area added. Para 3: Current load changed, condition added.