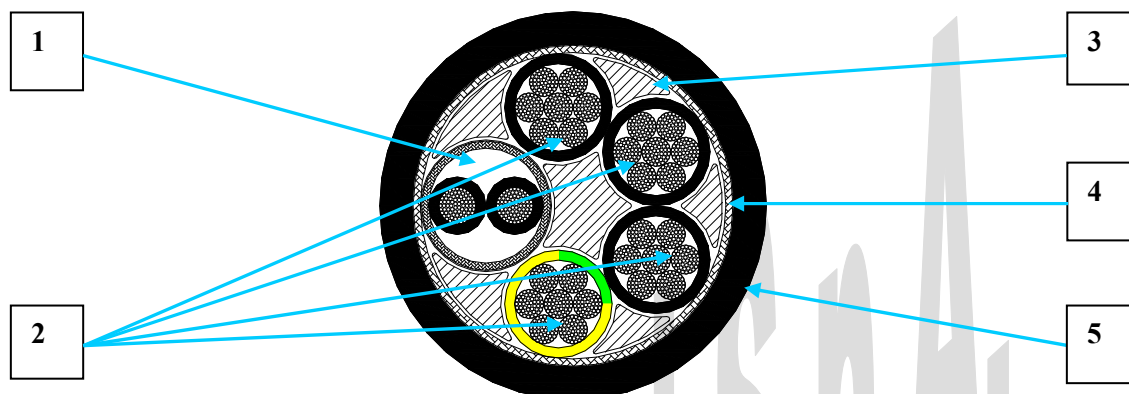


Description : FR[4G14AWG+(2x18AWG)ST]ST/R Black

Code : 550FTCS01N



The drawing is for illustrative purpose only

N°	Description	N°	Description
1	Conductor : - Flexible Bare Copper Conductor AWG	3	Total Assembly : Elements 1 - 2 with eventual fillers + (Plastic Tape only shielded cables)
2	Insulation : - PVC+Nylon Insulation, Type THHN UL83 Table 10 and 11 Section $\geq$ AWG14 or Type TFFN UL 66 Table 4.7 AWG18 $\div$ AWG16 Colour Black Numbered 1-2-3+ Yellow/Green	4	Total Shield : - Shield Tinned Copper Braid – Coverage $\geq$ 85%
2	Pairs : - 2 cores twisted (Colour Pair : Black Numbered 5 $\div$ 6) + Plastic Tape - Shield Tinned Copper Braid – Coverage $\geq$ 85% - Plastic Tape wrapped	5	Overall Sheath : - PVC Sheath, UL 1277 Table 11.1 Nominal $\varnothing$ 13,2mm Colour Black (Code : N)

Marking 0

TECNİKABEL (TO) - ITALY - TK TRAY® - (UL) Type TC-ER 90°C 600V THHN/THWN - PVC/NYLON SUN RES DIR BUR OIL RES II OR c(UL) PVC/NYLON 4/14AWG + 2/18AWG SHIELDED Type CIC Control 90°C dry 600V FT1 FT4 OR (UL) Type MTW AWG14/4C + AWG18/2C SHIELDED 600V OR UR AWM STYLE 2587 90°C 600V - SU

Date	Rev.	Emission	Page 1 of 2
15/03/10	0		
Technical Office : Davide BENTIVOGLIO		Customer's signature and stamp for acceptance :	

For Further information on this product or any other product within our range, or for any advice, Please contact **Tecnikabel S.p.A.**, Via Brandizzo 243, 10088 - Volpiano (TO), Italy ☎ 011-9951997, Fax ☎ 011-9953062 All information on this sheet is believed to be reliable. Users should however consult Tecnikabel S.p.A. Information and Data may be changed without notice.

In case of no return of this datasheet duly signed or comments within 10 (ten) days from the date of shipment of this datasheet we will consider the whole contents as accepted.

TecniKabel	Technical Specification	N° 27855	 RoHS compliant 2002/95/EC
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Description : FR[4G14AWG+(2x18AWG)ST]ST/R Black	Code : 550FTCS01N
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Other Characteristics	
- Insulation Resistance at 20°C	: $\geq 20 \text{ M}\Omega\text{xkm}$
- Test Voltage	: 3 kVa.c.
- Operating Voltage	: 600 Va.c.
- Temperature Range	: -25°C ÷ +90°C (Fixed Use)
- Minimum Bending Radius	: 5 x Ø (Fixed Use)
- Flame resistance	: IEC 60332-1 – UL 1277 and VW-1 – CSA FT1 and FT4
- Hydrocarbons and oil resistance	: UL 1581 – UL 1277 Oil Resistant I and Oil Resistant II VDE 0472 part 803 A/B – IEC 60811-2-1
- Standard Reference	: UL Type TC-ER 90°C 600V and CSA Type CIC 90°C 600V
- Nominal Copper Weight	: 160 kg/km
- Nominal Cable Weight	: 285 kg/km
<i>European Directives 2002/95/CE (RoHS - Reduction of Hazardous Substances) and 2002/96/CE (WEEE – Waste from Electrical and Electronic Equipment)</i>	

Date	Rev.	Page 2 of 2
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