

Description : TCE2HH2-1(0.4/1.9)/M/M TIM 1320/1

Inner Conductor

		<i>u/m</i>
Material	Solid Tinned Copper	
Diameter	0,40 ± 0,01	mm
Nominal Section	0,126	mm ²

Dielectric

		<i>u/m</i>
Material	Cellular Polyolefin or Foam-Skin	
Colour	Natural	
Diameter	1,90 ± 0,08	mm

Outer Conductor

	<i>I</i> ^o	<i>II</i> ^o	
Material	Aluminum/Polyester/Aluminum (nominal thickness 65μ)	Tinned Copper	
Diameter of strands	-	0,10	mm
Type of shield	Tape - (Longitudinal)	Braid	
Coverage	100 - (overlap ≥ 4mm)	≥ 80	%

Inner Sheath

		<i>u/m</i>
Material	LSZH	
Colour	Grey Ral 7001	
Overall Diameter	3,10 ± 0,10	mm
Average Thickness	0,25	mm
Minimum Thickness	0,20	mm

Outer Sheath (with rip cord⁹

		<i>u/m</i>
Material	LSZH	
Colour	Grey Ral 7001	

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11/05/2020	0	Emission
Leonardo BRUNI		Technical Office

For Further information on this product or any other product within our range, or for any advice, Please contact
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Description : TCE2HH2-1(0.4/1.9)/M/M TIM 1320/1

Max Overall Diameter	5,4	mm
Nominal Thickness	1,0	mm
Nominal Diameter	5,1	
Marking : TECNIKABEL (x) - ITALY - (Mese/Anno di Fabbricazione) – TCE2HH2- 1(0.4/1.9)/M/M - S.T. TIM 1320/1 - Cca-s1b,d1,a1 - CE- NMU 775599 - metric marking		

Electrical Characteristics

- Resistance of the inner conductor at 20°C	: ≤ 145 Ω/km
- Resistance of the outer conductor at 20°C	: ≤ 25 Ω/km
- Test Voltage (Between conductor and shield)	: 2000 Vd.c. x 1 minute
- Insulation Resistance at 20°C	: ≥ 10 GΩxkm
- Nominal Capacitance at 800 ÷ 1000 Hz	: 60 pF/m
- Characteristic Impedance at 1 MHz	: 75 ± 3 Ω
- Worst echo corrected	: ≥ 40 dB for the 90% of the lenght 35 ÷ 40 dB for the 10% of the lenght
- Attenuation at 1 MHz	: 2 dB/100m
4 MHz	: 4 dB/100m
17 MHz	: 8 dB/100m
- Near-End Crosstalk 0,3 ÷ 1 MHz	: ≥ 70 dB
1 ÷ 30 MHz	: ≥ 80 dB
- Transfer Impedance at 1 ÷ 30 MHz	: ≤ 10 mΩ/m

Fire Performance

- CPR classification 305/2011 : Cca-s1b,d1,a1

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