

CABLE DESIGN SHEET					
CABLE DESCRIPTION: SOUND CABLE - 2 x 2,1mm² - 14 AWG					CABLE CODE: CAVELSOUND221E (Rev.2)
FIRE CLASS: Eca					
(Cu, OFC)	(LSZH)	(LSZH)			
105 x 0,16	3,2	7,1 Ø (mm)			
A	B	C			
CONSTRUCTION DATA:		DIMENSIONS:			
A. Nr. 2 stranded bare copper wires Oxygen free OFC copper wire grade: class 5 Copper purity 99,99%		(Cu,OFC) ϕ	105 x 0,16 (2,11 mm ²)	mm	
B. LSZH - zero halogen, low smoke emission insulation Colour code pair: red, black		(LSZH) ϕ	3,20 ± 0,1	mm	
Applied talcum to B.					
C. Outer sheath (pipe type filled - round aspect) Purple/white zero halogen, low smoke emission, UV resistant, thermoplastic material, printed by ink-jet: CAVELSOUND 221E Euroclass Eca gggaan - meter marking (gggaan=batch)		(LSZH) ϕ	7,1 ±0,30	mm	
Weight of copper conductors (approx): 37,8 Kg/Km Total weight of cable (approx.) : 89,0 Kg/Km					
ELECTRICAL DATA: Conductor resistance: < 8,5 Ω/km Insulation Resistance >200 MOhm*m Temperature min. -20 C° Temperature max. 70 C°					
STANDARDS: EN50575 ; IEC 60332-1-2		APPLICATIONS: Studio/Broadcast: sound cable			
ITALIANA CONDUTTORI s.r.l V.le Zanotti 90 - 27027 Gropello Cairoli (PV)- Italy Tel. 0382-815150 - Fax: 0382-814212		Date 01/07/2026	Responsible D. Carena		