

Balanced High Performance/Double Shield



Item 20125629

DESCRIPTION

- Balanced audio cable with a 0.42 mm² cross-section, featuring an inner jacket and dual shielding: one conductive PVC shield and an additional spiral shield.
- This cable uses OFC copper conductors, high-density polyethylene insulation, OFC copper in the spiral shield, and a flame-retardant UL-PVC outer jacket. This configuration corresponds to a high-end professional cable.
- Its dual shielding effectively protects against electromagnetic interference in environments saturated with signals.
- Additionally, the inclusion of an inner jacket, where the shield is seated, significantly improves mechanical strength while also enhancing the overall construction integrity of the cable.

HIGHLIGHTS



APPLICATIONS

- Sensitive environments such as recording studios and radio/television stations
- Audio equipment links
- Balanced analog audio connections

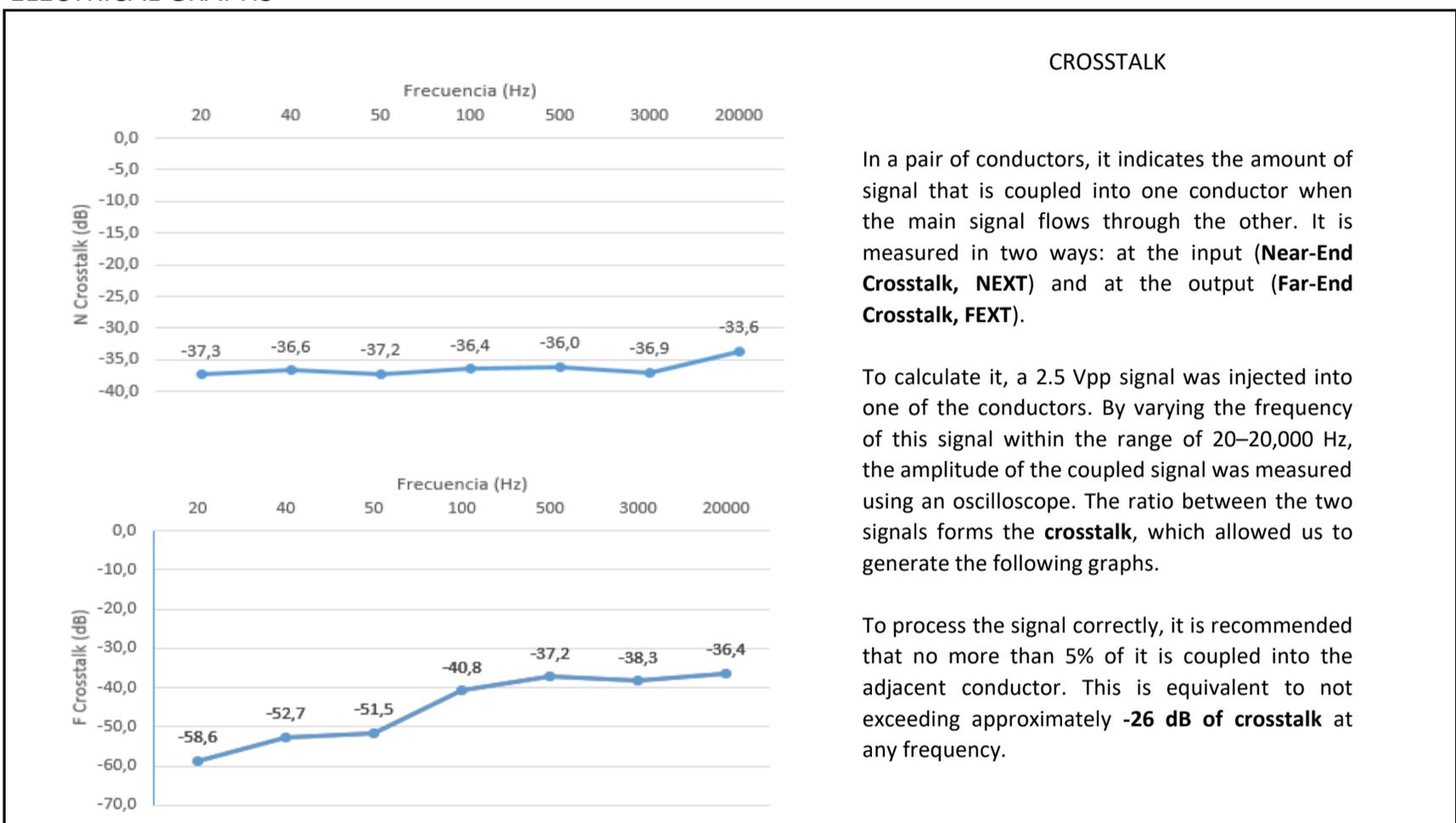
CONSTRUCTION

CONDUCTOR	SIZE	1x2x0.42mm ² (22AWG)
	COND. MATERIAL	OFC (Oxygen Free Copper)
	CONSTRUCTION	3*(18/Φ0.10)±0.008mm
INSULATION	DIAMETER	1.50±0.05mm
	MATERIAL	HDPE (High Density Polyethylene)
	COLOR	Red(RAL3020), White(RAL9010)
COVER (1)	COVER MATERIAL	80P UL-PVC
	COVER DIAMETER	3.60±0.05mm
	COVER COLOR	IVORY (RAL1015)
COVER (2)	COVER MATERIAL	80P UL-PVC CONDUCTIVE
	COVER DIAMETER	4.40±0.05mm
	COVER COLOR	IVORY (RAL1015)
SHIELD	SPIRAL MATERIAL	OFC (Oxygen Free Copper)
	SPIRAL CONSTRUCTION	96/Φ0.10mm 100% Covering
JACKET	DIAMETER	6.80±0.10mm
	MATERIAL	80P UL-PVC (WITH RoHS)
	COLOR	BLACK(RAL9005)
PACKING	LABEL	Q3-401S
	M/SPOOL	100m
	SIZE SPOOL	100m: 280x75x120mm(paper)
JACKET PRINTING	Q3-401S EMELEC ViasCom 2x0.4mm ² SHIELDED (White Ink Ral 9010)	
<p>Product diagram</p>		<p>Picture Packing</p>

PROPERTIES

ELECTRICAL	CONDUCTOR RESISTANCE		35.6 Ω/km, 20°C							
	BRAID RESISTANCE		17.4 Ω/km, 20°C							
	INSULATION RESISTANCE		MIN:500M Ω/km, 20°C							
	DIELECTRIC STRENGTH		AC500V 60Hz/1MIN							
	CAPACITANCE C/C		59 pF/m							
	CAPACITANCE C/S		93 pF/m							
	INDUCTANCE		32.9 μH/m							
	FAR END CROSSTALK (FEXT)		Hz	20	40	50	100	500	3000	20000
			dB	-58,6	-52,7	-51,5	-40,8	-37,2	-38,3	-36,4
NEAR END CROSSTALK (NEXT)		Hz	20	40	50	100	500	3000	20000	
		dB	-37,3	-36,6	-37,2	-36,4	-36,0	-36,9	-33,6	
PHYSICAL	FLAME TEST		VW-1 / IEC 60332-1-2 / UNE EN 60332-1-2							
	OPERATING TEMPERATURE		-15°C / +70°C							

ELECTRICAL GRAPHS



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NO