



ANALOG AUDIO MULTICORE CABLES BALANCED

HYDRA

✓ MOBILE ✓ STUDIO ✓ INSTALLATION ✓ STAGE



sPVC

OFC

ANALOG

APPLICATION

Ivox hydra multicore cables are designed for the highest level of audio performance and feature superb electrical and mechanical characteristics while remaining compact, superflexible and easy to use. Individually twisted foil shielded pairs, available in 4 to 48 channels.

CONSTRUCTION DATA

Core Numbers x Section:	2 x 0,22 mm ² (AWG 24)
Stranded Copper Conductor	7 x 0,20 mm ø Tinned Copper
Conductor Insulation	1,20 ± 0,05 mm ø XLPE
Conductor Color Code	Blue / Red
Stranded Drain Wire	7 x 0,20 mm ø Tinned copper
Pair Shielding	Al / Pes - Foil
Shielding Factor	100%
Pair Jacket	3,3mm ø Pvc
Overall Shielding	Al / Pes - Foil + 7 x 0,20 Drain wire
Outer Jacket	sPvc Matt ,Black

Description	No. of Channels	No. of Conductors	Ov. Dia. (App.mm)	Weight (kg/100m)
Hydra 4	4-ch	4 x 2 x 0,22 mm ²	9,7 mm	10 kg
Hydra 8	8-ch	8 x 2 x 0,22 mm ²	12,5 mm	21 kg
Hydra 12	12-ch	12 x 2 x 0,22 mm ²	15,3 mm	26 kg
Hydra 16	16-ch	16 x 2 x 0,22 mm ²	17 mm	35 kg
Hydra 24	24-ch	24 x 2 x 0,22 mm ²	21 mm	55 kg
Hydra 32	32-ch	32 x 2 x 0,22 mm ²	23,5 mm	66 kg
Hydra 48	48-ch	48 x 2 x 0,22 mm ²	27 mm	98 kg

ELECTRICAL DATA

Conductor Resistance	< 80 Ω / km	
Shield Resistance	< 75 Ω / km	
Insulation Resistance	> 2000 MΩ x km	
Velocity of Propagation	66%	
Capacitance		
	core/core	75 pF / m
	core/screen	130 pF / m
Nominal Impedance	1 KHz	600 Ω / 100 m

MECHANICAL DATA

Minimum bending radius	5 x D (D= outer diameter)
Temperature range	
Mobile installation	- 5° C to + 70° C
Fixed installation	-30° C to + 70° C

■ BLACK

