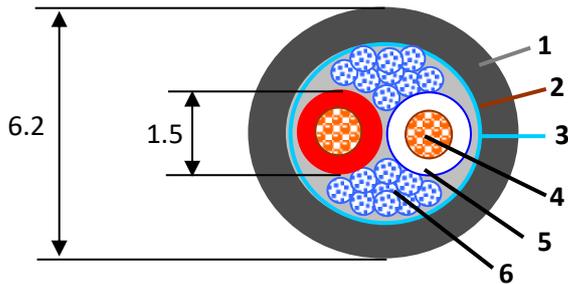


Balanced XLR cabling for professional applications

TIGHT AV XLR PRO series is high-quality professional-grade XLR cables. The cables are color-coded by length and includes a shrink sleeve at each end for easy labeling. Ideal for installation or everyday stage use and very soft and flexible.

Specifications

Cable build



Legend:

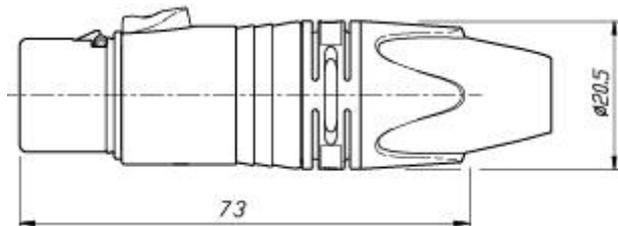
- 1 Jacket
- 2 Braid Shield
- 3 Aluminum foil shield
- 4 Conductor
- 5 Conductor Insulation
- 6 Filler Cord

Mechanical Data		
Conductor area	0,22 mm ² / AWG 24	
Composition of conductor	28 x 0,10 mm, bare annealed copper, OFC	
Conductor insulation	LD -PE Ø 1.5 ±0.1mm	
Conductor colour	Red and White	
Composition of cores	2 twisted cores (one turn/60mm, left hand)	
Filler	Cotton Strand	
Foil shield	AL / PT Foil spiral wound 100% coverage Conductive side (AL coated) towards braided shield	
Braided Shield	Braided Shield, 128 x 0.1mm Bare annealed copper, OFC	
Jacket material	Phthalate free PVC with restricted substance: Cadmium: < 5 PPM ("Cadmium free") Mercury: < 2 PPM Lead: < 50 PPM Chromium: No Hardness: 65 Shore-A	
Jacket color	Black to anthracite	
Bending radius	40mm	
Overall diameter	Ø 6.2 mm, tolerance: +/- 0,2mm	
Working temperature	Mobile	-5°C to +70°C
	Fixed	-20°C to +70°C

Electrical Data		Conditions
Conductor DC resistance	≤ 90 Ω/km	20°C
Screen DC resistance	≤ 20 Ω/km	20°C

Insulation resistance	> 1 GΩ/Km	20°C, 500 VDC
Capacitance conductor/conductor	≤ 90 pF/m	1 KHz
Capacitance conductor/screen	≤ 160 pF/m	1 KHz
Test voltage: conductor/ conductor	500 V eff	50 Hz, 1 Minute
Test voltage: conductor/screen	1000 V eff	50 Hz, 1 Minute

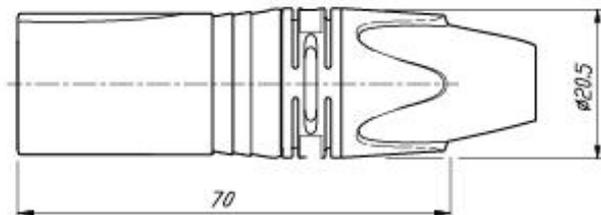
Female connector:



Electrical Data	
Contact Resistance	≤ 10mΩ
Insulation Resistance	≥ 200 MΩ(Initial)
Dielectric Strength	0.5 KVdc
Mechanical	
Insertion and Withdrawal Force	≤ 60N
Lifetime	> 1,000 Mating Cycles
Material	
1. 3-pin insert	PA6+30%GF
Pin	QSn 6.5-0.1
Ground Contact	Cold rolled stainless steel strip
2. Bushing	
Black Bush	PA6+30%GF
Boot	PVC
Ring	ABS
3. Housing	Zinc
4. Chuck	POM
5. Ring	Rubber
Plating	
1. Pin	Gold Plating

2.GND contact	Tin Plating
3.Housing	Black Plating
Button	Nickel Plating
IP grade	IP40
Working temperature	-30°C to +80°C

Male Connector:



Electrical	
Contact Resistance	≤ 10mΩ
Insulation Resistance	≥ 200 MΩ(Initial)
Dielectric Strength	0.5 KVdc
Mechanical	
Insertion and Withdrawal Force	≤ 60N
Lifetime	> 1,000 Mating Cycles
Material	
1. 3-pin insert	PA6+30%GF
Pin	Brass
Ground Contact	QSn 6.5-0.1
2. Bushing	
(Brown/Red/Orange/Green/Blue/Black/White/Grey) Bush	PA6+30%GF
Boot	PVC
Ring	ABS
3.Housing	Zinc
4.Chuck	POM
Plating	
1.Pin	Gold Plating
2.GND contact	Tin Plating
3. Housing	Black Plating
IP grade	IP40
Working temperature	-30°C to +80°C

