

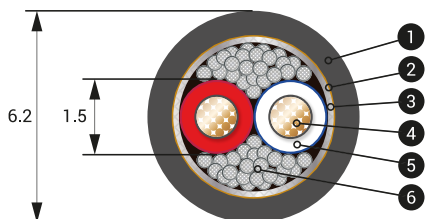


XLR-PRO

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. The cables are very soft and flexible.

Ideal for installation or everyday stage use.



LEGEND

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

CABLE BUILD

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:	40 mm
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

Conductor DC resistance:	≤ 90 Ω/km	Conditions: 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

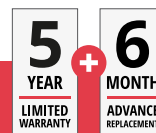
PRODUCT RANGE

Part.no	Model	Description
670-90100	XLR-M/F-1	Professional Female to Male XLR Cable 1m (Brown)
670-90101	XLR-M/F-1.5	Professional Female to Male XLR Cable 1.5m (Black)
670-90102	XLR-M/F-2	Professional Female to Male XLR Cable 2m (Red)
670-90103	XLR-M/F-3	Professional Female to Male XLR Cable 3m (Orange)
670-90104	XLR-M/F-5	Professional Female to Male XLR Cable 5m (Green)
670-90105	XLR-M/F-10	Professional Female to Male XLR Cable 10m (White)
670-90106	XLR-M/F-15	Professional Female to Male XLR Cable 15m (Grey)

TiGHT POLICY

Faulty product - minimal down time.
Up until six months after purchase, TiGHT AV will replace your product in advance of return of faulty product.

Your investment - built to last.
All TiGHT AV products come with a five year limited warranty.





FEMALE CONNECTOR

ELECTRICAL DATA

Contact Resistance:	≤ 10mΩ
Insulation Resistance:	≥ 200 MΩ(Initial)
Dielectric Strength:	0.5 KVdc

MECHANICAL

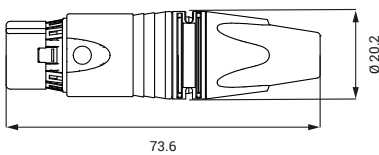
Insertion and Withdrawal Force:	≤ 60N
Lifetime:	> 1,000 Mating Cycles

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 DATA

Contact Resistance:	≤ 10mΩ
Insulation Resistance:	≥ 200 MΩ(Initial)
Dielectric Strength:	0.5 KVdc

MECHANICAL

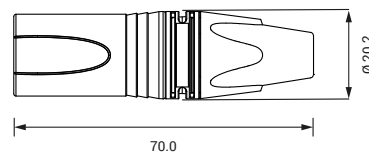
Insertion and Withdrawal Force:	≤ 60N
Lifetime:	> 1,000 Mating Cycles

MATERIAL

1. 3-pin insert	PA6+30%GF
Pin	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



PRODUCT RANGE

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670-90106	XLR-M/F-15	Professional Female to Male XLR Cable 15m (Grey)

TIGHT POLICY

Faulty product - minimal down time.

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