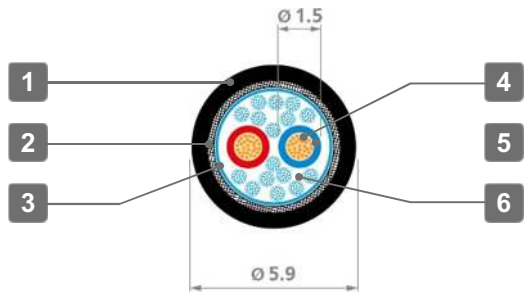
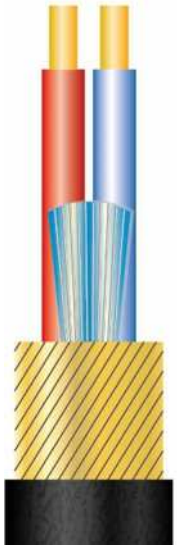
Microphone Cable 20.0mtr RMFMX200

YME220

Microphone Cable, O.D. 5.9 mm, 0.22 mm^2 / AWG 24



1 Jacket
2 Spiral Shield
3 Paper Tissue
4 Conductor
5 Conductor Insulation
6 Filler Cord



MECHANICAL SPECIFICATION

Composition of conductor	*28 x 0.10 mm / 28 x AWG 38* *bare annealed copper, OFC standard*
Conductor insulation	*LD-PE* *Ø 1.5 mm*
Conductor color	*Red & Blue*
Composition of core	*2 twisted cores* *60 mm one turn, left hand*
Spiral shield	*85 x 0.10 mm, bare annealed copper,* *OFC standard* *Coverage > 90 %*
Overall jacket material	*PVC with restricted Substance:* *Cadmium: < 5 PPM ("Cadmium free")* *Lead: < 50 PPM* *Mercury: < 2 PPM* *Chromium: Not contained* *Hardness: 65 Shore-A*
Jacket colour	*Black* *(other colours on request)*
Overall diameter	*Ø 5.9 mm* *tolerance: +/- 0.2 mm*
Working temperature - Mobile - Fixed	*-5 °C to +70 °C* *-20 °C to +70 °C*
Cable Printing	*- Standard cable print* *- Customer cable print on request*

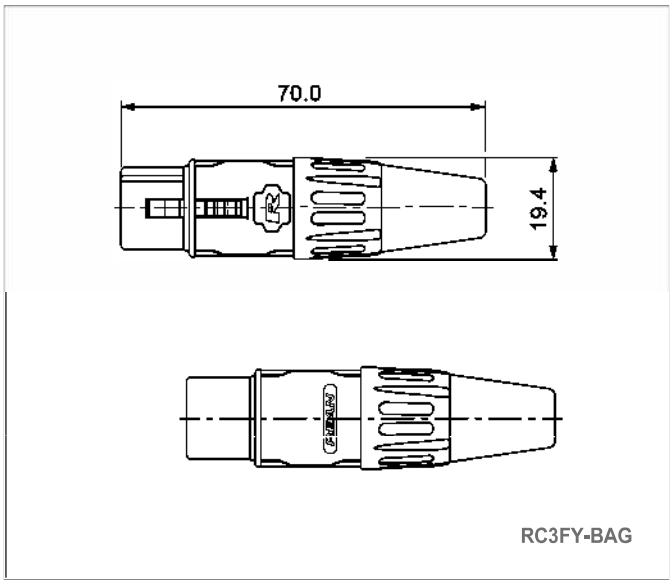
ELECTRICAL SPECIFICATION

Conductor DC resistance	*≤ 80 mΩ / m – 20 °C*
Screen DC resistance	*≤ 30 mΩ / m – 20 °C*
Insulation resistance	*> 1 GΩ / km – 20 °C, 500 V_{DC}*
Capacitance 1 Conductor to Conductor	*≤ 65 pF / m – 1 KHz*
Capacitance 2 Conductor to Screen	*≤ 115 pF / m – 1 KHz*
Test voltage: Conductor to Conductor	*500 V eff – 50 Hz, 1 Minute*
Test voltage: Conductor / Screen	*1.000 V eff – 50 Hz, 1 Minute*

XLR Female Cable Connectors

Y Series

RC3FY-BAG



RC3FY-BAG

FEATURES

- ***Rugged zinc diecast shell - long lasting and reliable***
- ***Unique cage type female contact - increases conductivity***
- ***Chuck type strain relief - best cable retention, easy to assemble***
- ***Rubber boot kink protection - guarantees best cable protection and offers long cable life***
- ***Robust latch locking - provides secure connection***

CONNECTOR

Type No.	Description
RC3FY-BAG	*XLR 3-pole female cable connector, black metal housing, silver plated contacts*

XLR Female Cable Connectors

TECHNICAL DATA

ELECTRICAL

Contact resistance - initial	< 10 mΩ
- after 1'000 mating cycles	< 20 mΩ
Ground contact resistance	< 100 mΩ
Dielectric strength	> 1 kV dc
Insulation resistance - initial	> 1 GΩ
- after damp heat test	> 0.1 GΩ

MECHANICAL

Lifetime	> 1'000 mating cycles
Mating force	< 50 N
Locking force (pull out locked connector)	> 250 N
Withdrawal force	< 20 N
Strain relief force (depending on cable O.D.)	> 100 N
Cable O.D. range	4.0 - 8.0 mm
Wiring type	Soldering
Max. wire size	2.5 mm^2 / AWG 14

MATERIAL

Shell (housing)	Zinc diecast
Shell plating	Ag
Insert	Nylon
Contacts	Bronze
Contact plating	Tin-cerium
Latch lock	Zinc diecast / CK67 (spring)
Latch lock plating	Ni
Strain relief (chuck)	POM
Bushing	Nylon
Boot	Nylon

ENVIRONMENTAL

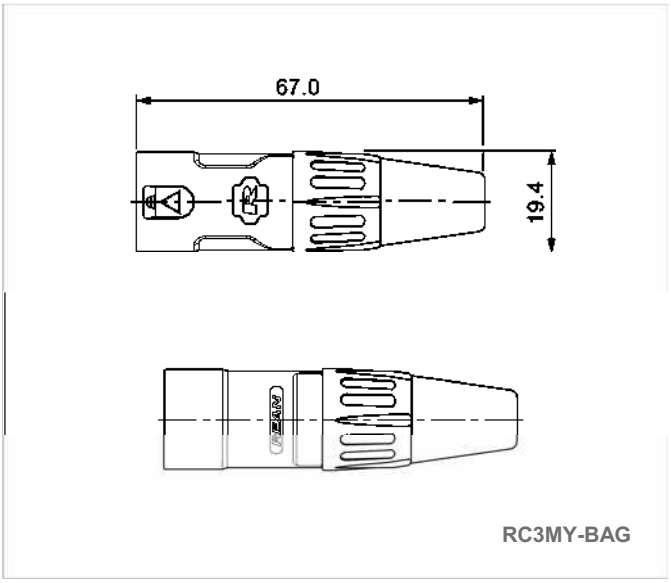
Operating temperature	-20 °C to +70 °C
Protection class	IP 40
Solderability	Complies with IEC 68-2-20
Manufacturing standard	Complies with IEC 61076-2-103

REAN®

XLR Male Cable Connectors

Y Series

RC3MY-BAG



RC3MY-BAG

FEATURES

- *Rugged zinc diecast shell - long lasting and reliable*
- *Chuck type strain relief - best cable retention, easy to assemble*
- *Rubber boot kink protection - guarantees best cable protection and offers long cable life*
- *Robust latch locking - provides secure connection*

CONNECTOR

Type No.	Description
RC3MY-BAG	*XLR 3-pole male cable connector, black metal housing, silver plated contacts*

REAN®

XLR Male Cable Connectors

TECHNICAL DATA

ELECTRICAL

Contact resistance - initial	< 10 m∧
- after 1'000 mating cycles	< 20 m∧
Ground contact resistance	< 100 m∧
Dielectric strength	> 1 kV dc
Insulation resistance - initial	> 1 G∧
- after damp heat test	> 0.1 G∧

MECHANICAL

Lifetime	> 1'000 mating cycles
Mating force	< 50 N
Locking force (pull out locked connector)	> 250 N
Withdrawal force	< 20 N
Strain relief force (depending on cable O.D.)	> 100 N
Cable O.D. range	4.0 - 8.0 mm
Wiring type	Soldering
Max. wire size	2.5 mm^2 / AWG 14

MATERIAL

Shell (housing)	Zinc diecast
Shell plating	Ag
Insert	Nylon
Contacts	Brass
Contact plating	Tin-cerium
Strain relief (chuck)	POM
Bushing	Nylon
Boot	Nylon

ENVIRONMENTAL

Operating temperature	-20 °C to +70 °C
Protection class	IP 40
Solderability	Complies with IEC 68-2-20
Manufacturing standard	Complies with IEC 61076-2-