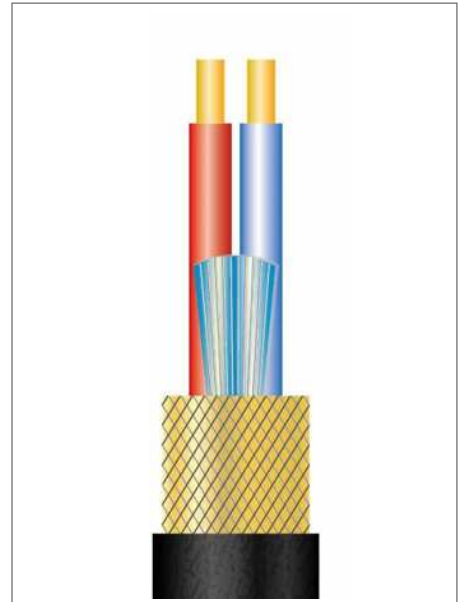
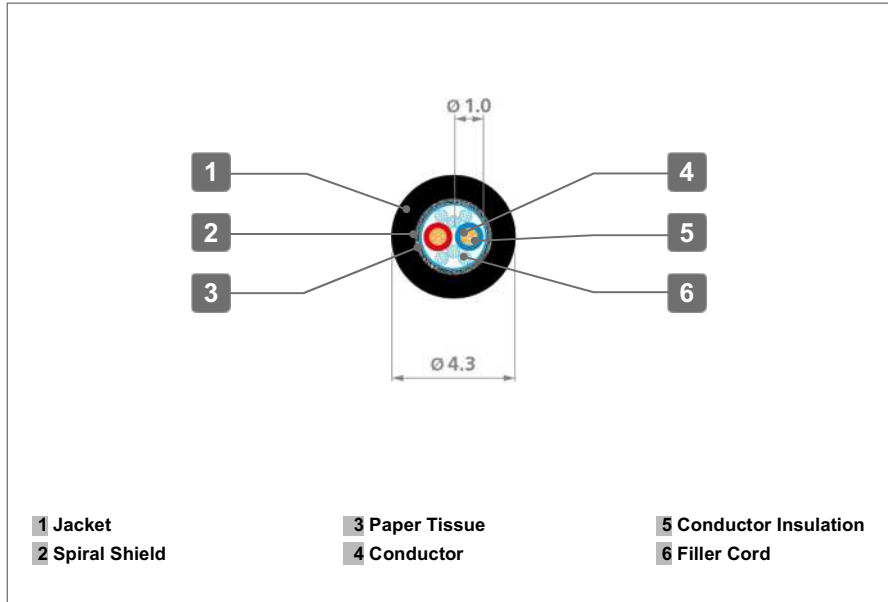


# Y-Adapter audio cable 3.0mtr RYWMM030

## YPK220 Microphone Cable

Patch Cable, O.D. 4.3 mm, 0.22 mm<sup>2</sup> / AWG 24



### MECHANICAL SPECIFICATION

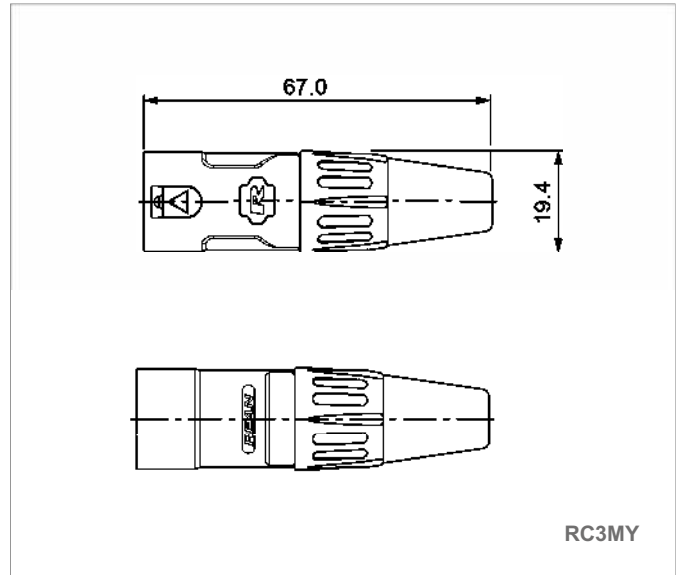
Composition of conductor	28 x 0.10 mm / 28 x AWG 38 bare annealed copper, OFC standard
Conductor insulation	LD-PE Ø 1.0 mm
Conductor color	Red & Blue
Composition of core	2 twisted cores 40 mm one turn, left hand
Spiral shield	63 x 0.10 mm bare annealed copper, OFC standard Coverage > 90 %
Overall jacket material	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
Overall diameter	Black (other colours on request) Ø 4.3 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 m <sup>∧</sup> / m – 20 °C
Screen DC resistance	≤ 40 m <sup>∧</sup> / m – 20 °C
Insulation resistance	> 1 G <sup>∧</sup> / km – 20 °C, 500 V <sub>DC</sub>
Capacitance Conductor to Conductor	≤ 80 pF / m – 1 KHz
Capacitance Conductor to Screen	≤ 140 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 Male Cable Connectors

## Y Series



### 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	XLR 3-pole male cable connector, nickel metal housing, silver plated contacts

**REAN**<sup>®</sup>

# XLR Male Cable Connectors

## TECHNICAL DATA

### ELECTRICAL

<b>Contact resistance</b>	<b>- initial</b>	<b>&lt; 10 m<math>\Omega</math></b>
	<b>- after 1'000 mating cycles</b>	<b>&lt; 20 m<math>\Omega</math></b>
<b>Ground contact resistance</b>		<b>&lt; 100 m<math>\Omega</math></b>
<b>Dielectric strength</b>		<b>&gt; 1 kV dc</b>
<b>Insulation resistance</b>	<b>- initial</b>	<b>&gt; 1 G<math>\Omega</math></b>
	<b>- after damp heat test</b>	<b>&gt; 0.1 G<math>\Omega</math></b>

### MECHANICAL

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

### MATERIAL

<b>Shell (housing)</b>		<b>Zinc diecast</b>
<b>Shell plating</b>		<b>Ag</b>
<b>Insert</b>		<b>Nylon</b>
<b>Contacts</b>		<b>Brass</b>
<b>Contact plating</b>		<b>Tin-ceriumd</b>
<b>Strain relief (chuck)</b>		<b>POM</b>
<b>Bushing</b>		<b>Nylon</b>
<b>Boot</b>		<b>Nylon</b>

### ENVIRONMENTAL

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

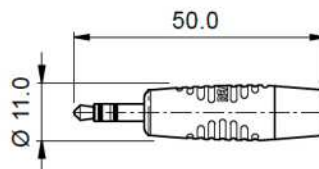
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# REAN®

# 3.5 mm Plugs



RTP3C



RTP3C

## FEATURES

- Valuable and slim design with ergonomic finger groove – space saving and handy
- Rugged all metal housing – reliable and robust
- Heavy duty cable clamp – best strain relief
- 3.5mm plug 3 pole, nickel shell, nickel plated contacts

## CONNECTOR

Type No.	Description
RTP3C	3.5mm plug, 3 pole, nickel shell, nickel plated contacts

**REAN**<sup>®</sup>

## 3.5 mm Plugs

### TECHNICAL DATA

#### ELECTRICAL

<i>Rated current per contact</i>	<i>depends on mating connector</i>
<i>Contact resistance</i>	<i>depends on mating connector</i>
<i>Insulation resistance</i>	<i>&gt; 1.5 G<math>\wedge</math></i>
<i>Dielectric strength</i>	<i>1 kV dc</i>

#### MECHANICAL

<i>Lifetime</i>	<i>&gt; 1'000 mating cycles</i>
<i>Cable O.D. range</i>	<i>2.0–4.0 mm</i>
<i>Wiring</i>	<i>solder contact</i>

#### MATERIAL

<i>Contacts</i>	<i>Brass (CuZn39Pb3)</i>
<i>Contact plating</i>	<i>Ag</i>
<i>Shell (housing)</i>	<i>ZnAl4Cu1</i>
<i>Shell plating</i>	<i>Ni</i>
<i>Strain relief</i>	<i>POM</i>

#### ENVIRONMENTAL

<i>Operating temperature</i>	<i>-20°C to +70°C</i>
<i>Solderability</i>	<i>complies with IEC68-2-20</i>

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