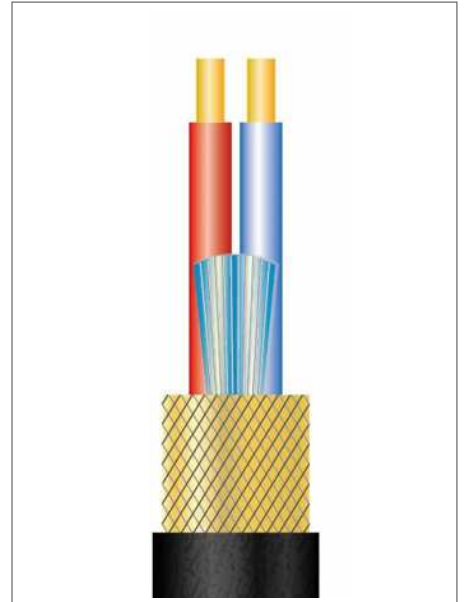
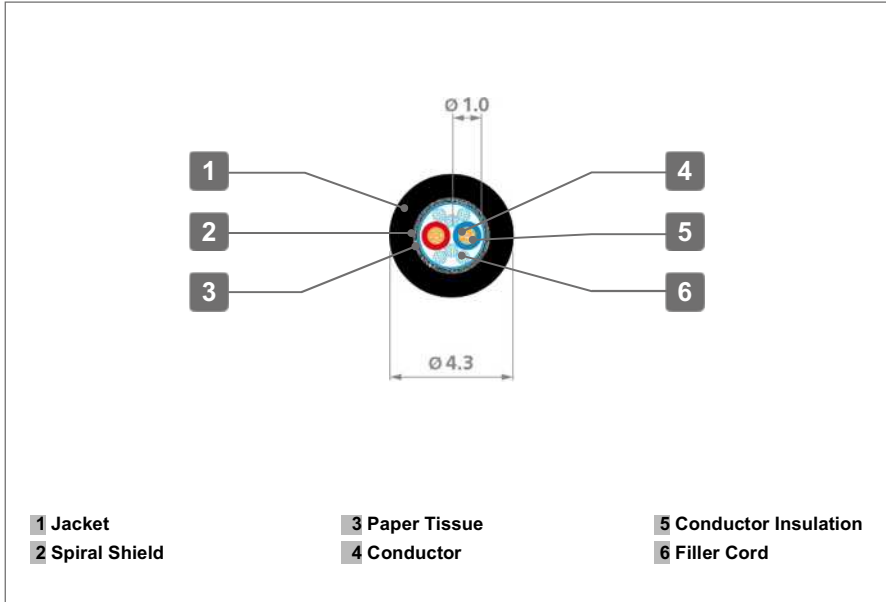


balanced audio cable 3.0mtr RMVR030

YPK220 Microphone Cable

Patch Cable, O.D. 4.3 mm, 0.22 mm² / AWG 24



MECHANICAL SPECIFICATION

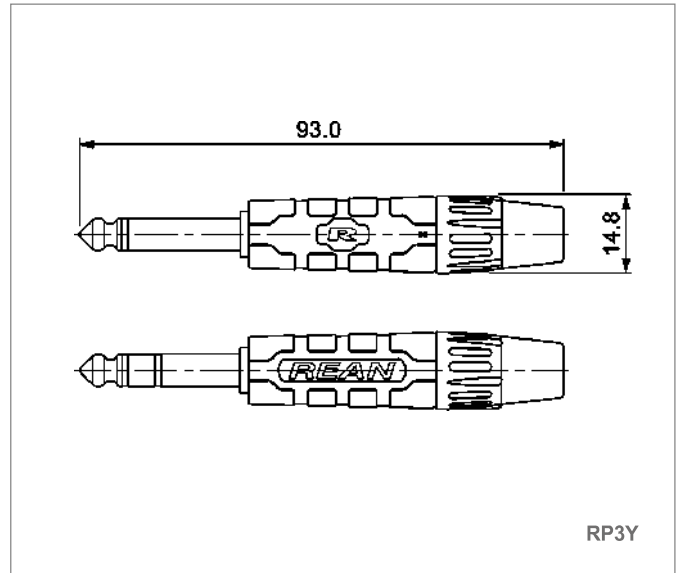
Composition of conductor	28 x 0.10 mm / 28 x AWG 38 bare annealed copper, OFC standard
Conductor insulation	LD-PE Ø 1.0 mm
Conductor color	Red & Blue
Composition of core	2 twisted cores 40 mm one turn, left hand
Spiral shield	63 x 0.10 mm bare annealed copper, OFC standard Coverage > 90 %
Overall jacket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

1/4" Phone Plugs, 3-pole

Y Series



FEATURES

- *Slim and ergonomic design – space saving and convenient to handle*
- *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*

CONNECTOR

Type No.	Description
RP3Y	1/4" plug, 3 pole, nickel plated housing and nickel plated plugfinger

REAN[®]

1/4" Phone Plugs

TECHNICAL DATA

ELECTRICAL

Contact resistance	< 10 mΩ
Dielectric strength	> 1 kV dc
Insulation resistance - initial	> 1 GΩ
- after damp heat test	> 0.1 GΩ

MECHANICAL

Lifetime	> 1'000 mating cycles
Lateral load capacity	> 4 Nm
Strain relief force	> 70 N
Cable O.D. range	4.0 - 7.0 mm
Wiring type	Soldering
Max. wire size	1 mm² / AWG 18

MATERIAL

Shell (housing)	Zinc diecast
Shell plating	Nickel
Insert	Nylon
Contacts	Brass
Contact plating	Ni
Strain relief (chuck)	POM
Bushing	Nylon
Boot	PVC

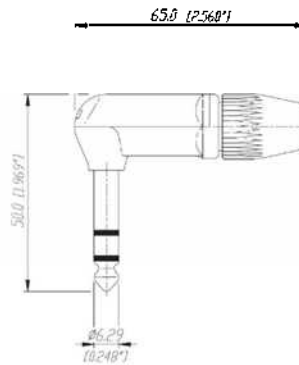
ENVIRONMENTAL

Operating temperature	-20 °C to +70 °C
Solderability	Complies with IEC 68-2-20

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REAN®

1/4" Phone Plugs, 3-pole



FEATURES

- *Attractive and valuable design*
- *Slim 1/4" plug with ergonomic finger groove – grants high packing density along with best handling convenience*
- *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*
- *Compact and ergonomic right angle plug – high packing density*

CONNECTOR

Type No.	Description
RP3RC	1/4" plug, 3 pole, nickel plated housing and nickel plated plugfinger

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1/4" Phone 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>> 1.5 G\wedge</i>
<i>Dielectric strength</i>	<i>1 kV dc</i>

MECHANICAL

<i>Lifetime</i>	<i>> 1'000 mating cycles</i>
<i>Cable O.D. range</i>	<i>4.0–7.0 mm</i>
<i>Wiring</i>	<i>solder contact</i>
<i>Max. wire size</i>	<i>AWG 18 (1 mm²)</i>

MATERIAL

<i>Bushing</i>	<i>PA 6 30% GR</i>
<i>Contacts</i>	<i>Brass (CuZn39Pb3)</i>
<i>Contact plating</i>	<i>Ni</i>
<i>Insert</i>	<i>PA 6 30% GR</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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