Product Guide | 2015/16

REAN a brand of Neutrik AG

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REAN®

With the brand REAN, the world's leading supplier of professional audio and video connectors – Neutrik AG – offers another interesting product range.

Excellent cost-performance ratio, attractive design and reliable functionality are the strengths of REAN.

Based on long-time know-how audio and video connectors for professional applications are developed and produced on up to date production facilities. An efficient logistics system and a global sales network make a high availability and short delivery times possible. The REAN product range is an alternative solution for cost sensitive applications.

REAN a brand of Neutrik AG

TINY xlr Cable Connectors

RT3FC-B

RT4FC-B-W

RT4FCT-B

RT3MC-B

- 3, 4 and 5 pole versions available
- Easy to assemble
- Robust metal housing with best flex relief
- Shielded system – high noise immunity and EMI protection
- Intuitive and rugged locking mechanism provides secure locking system
- Millionfold proven chuck type strain relief – up to 4.0 mm cable diameter
- Keyed insert and strain relief to avoid mispositioning/ rotation of insert respectively cable
- RT*FC-B-W: optional sealing boot (patent pending) for water/sweat protection if mated with RT*MP
- RT*FCT-B: screw locking design for outstanding ruggedness – fits with common rear mountable connectors
- BRT-L: Accessory kit for cables from 4.0 – 5.0 mm

RT3FC-B

RT3FCT-B

RT3FC-B-W

RT3MC-B

Female Pin-Layouts (front view)

3 pole 4 pole 5 pole

Male Pin-Layouts (front view)

3 pole 4 pole 5 pole

Ordering Information

Type No.		Description
Cable connectors		
Female	Male	
RT3FC-B	RT3MC-B	3 pole TINY cable connector, black metal shell, gold plated contacts
RT4FC-B	RT4MC-B	4 pole TINY cable connector, black metal shell, gold plated contacts
RT5FC-B	RT5MC-B	5 pole TINY cable connector, black metal shell, gold plated contacts
RT*FC-B-D	RT*MC-B-D	TINY cable connector, black metal shell, gold plated contacts; bulk packed, to be ordered in multiples of 100 pcs.
Cable connectors female water resistant		
RT3FC-B-W		3 pole TINY female cable connector, black metal shell, water resistant boot, gold plated contacts
RT4FC-B-W		4 pole TINY female cable connector, black metal shell, water resistant boot, gold plated contacts
RT5FC-B-W		5 pole TINY female cable connector, black metal shell, water resistant boot, gold plated contacts
RT*FC-B-W-D		TINY female cable connector, black metal shell, water resistant boot, gold plated contacts; bulk packed,
		to be ordered in multiples of 100 pcs.
Cable connectors female screw locking		
RT3FCT-B		3 pole TINY female cable connector with screw locking, black metal shell & nut, gold plated contacts
RT4FCT-B		4 pole TINY female cable connector with screw locking, black metal shell & nut, gold plated contacts
RT5FCT-B		5 pole TINY female cable connector with screw locking, black metal shell & nut, gold plated contacts
RT*FCT-B-D		TINY female cable connector with screw locking, black metal shell & nut, gold plated contacts; bulk packed,
		to be ordered in multiples of 100 pcs.
Accessories		
BRT-L		Bushing and chuck for cable diameters 4.0 – 5.0 mm

Specification

Specification	Cable connectors RT*FC-B*/RT*MC-B*	Screw locking RT*FCT-B*
Electrical		
Rated current per contact	< 5 A	< 5 A
Contact resistance	< 10 mΩ	< 10 mΩ
Insulation resistance	> 1 GΩ	> 1 GΩ
Dielectric strength	> 500 V rms	> 500 V rms
Mechanical		
Lifetime	> 5'000 mating cycles	> 5'000 mating cycles
Cable O.D. range	2.0 – 4.0 mm	2.0 – 4.0 mm
Wiring	solder contacts	solder contacts
Max. wire size	0.22 mm² / 24 AWG	0.22 mm² / 24 AWG
Material		
Bushing	ABS	ABS
Contacts	female CuSn6 / male CuZn39Pb3	CuSn6
Contact plating	Au plated	Au plated
Insert	PA 6 30% GR	PA 6 30% GR
Shell (housing)	ZnAl4Cu1	ZnAl4Cu1
Shell plating	black	black
Strain relief	PVC	PVC
Protection boot	EPDM	–
Locking nut	–	Al, black anodized
Environment		
Operating temperature	-30°C to +85°C	-30°C to +85°C
Solderability	complies with IEC68-2-20	complies with IEC68-2-20

TINY xlr Chassis Connectors

RT3MP

RT4MPR

- Front and rear mountable receptacles in 3, 4 and 5 pole design
- Watertight chassis connector, even in unmated condition
- RT*MP provides water resistant connection if mated with RT*FC-B-W

RT3MP

Panel Cutout

Male Pin-Layouts (front view)

3 pole

4 pole

5 pole

TINY xlr Adapters

RA3FT-B

RA3MT-B

- Easy and fast solution to interconnect mini XLRs
- Rugged metal housing
- Mini XLR 3 pin to XLR-Male or XLR-Female

RA3FT-B

RA3MT-B

Ordering Information

Type No.	Description
Chassis connectors	
RT3MP	3 pole TINY male chassis connector, nickel metal housing, gold plated contacts, max. panel thickness: 6 mm
RT4MP	4 pole TINY male chassis connector, nickel metal housing, gold plated contacts, max. panel thickness: 6 mm
RT5MP	5 pole TINY male chassis connector, nickel metal housing, gold plated contacts, max. panel thickness: 6 mm
RT*MP-D	TINY male chassis connector, nickel metal housing, gold plated contacts, max. panel thickness: 6 mm; bulk packed, to be ordered in multiples of 100 pcs.
Chassis connectors rearmountable	
RT3MPR	3 pole TINY rearmountable, male chassis connector, nickel metal housing, gold plated contacts, max. panel thickness: 3 mm
RT4MPR	4 pole TINY rearmountable, male chassis connector, nickel metal housing, gold plated contacts, max. panel thickness: 3 mm
RT5MPR	5 pole TINY rearmountable, male chassis connector, nickel metal housing, gold plated contacts, max. panel thickness: 3 mm
RT*MPR-D	TINY rearmountable male chassis connector, nickel metal housing, gold plated contacts, max. panel thickness: 3 mm; bulk packed, to be ordered in multiples of 100 pcs.
Adapters	
RA3FT-B	3 pole adapter TINY male to female XLR, black metall shell, gold plated contacts
RA3MT-B	3 pole adapter TINY male to male XLR, black metall shell, gold plated contacts

Specification

	Chassis connectors RT*MP*	Adapters RA*T-B
Electrical		
Rated current per contact	< 5 A	–
Contact resistance	< 10 mΩ	≤ 5 mΩ
Insulation resistance	> 1 GΩ	> 1 GΩ
Dielectric strength	> 500 V rms	500 V rms
Mechanical		
Lifetime	> 5'000 mating cycles	> 5'000 mating cycles
Wiring	solder contacts	–
Max. wire size	0.22 mm² / 24 AWG	–
Material		
Contacts	CuZn39Pb3	female CuSn6 / male CuZn39Pb3
Contact plating	Au plated	Au plated
Insert	PA 6.6 30% GR	PA 6 30% GR
Shell (housing)	ZnAl4Cu1	ZnAl4Cu1
Shell plating	nickel	black
Environment		
Operating temperature	-30°C to +85°C	-20°C to +65°C
Solderability	complies with IEC68-2-20	–

1 / 4 " Vertical Jacks

RJ3VM

RJ5VM

RJ3VI-D1

RJ5VI-D1

- Vertical PCB-mount – Fit's widely used PCB layout of existing vertical jacks
- Space saving 1/4" jack – enables highest packing density
- Circumferential contact arrangement – provides reliable switching function
- Integrated body stop for the inserted 1/4" plug – ensures best conductivity independent from mating tip shape
- Spring loaded ground contact – maintains superior contact integrity

RJ3VM

RJ5VM

Ordering Information

Type No.	Description
1/4" Vertical Jack (bulk packed, to be ordered in multiples of 100 pcs.)	
RJ3VM	1/4" TRS Jack, vertical PCB, metal nose, with nut and washer, no normalling contacts
RJ5VM	1/4" TRS Jack, vertical PCB, metal nose, with nut and washer, with tip and ring normalling contacts
RJ3VM-D1	1/4" TRS Jack, vertical PCB D1, metal nose, with nut and washer, no normalling contacts
RJ5VM-D1	1/4" TRS Jack, vertical PCB D1, metal nose, with nut and washer, with tip and ring normalling contacts
RJ3VM-S	1/4" TRS Jack, with solder lugs, metal nose, with nut and washer, no normalling contacts
RJ5VM-S	1/4" TRS Jack, with solder lugs, metal nose, with nut and washer, with tip and ring normalling contacts
RJ3VI	1/4" TRS Jack, vertical PCB, plastic nose, with nut and washer, no normalling contacts
RJ5VI	1/4" TRS Jack, vertical PCB, plastic nose, with nut and washer, with tip and ring normalling contacts
RJ3VI-D1	1/4" TRS Jack, vertical PCB D1, plastic nose, with nut and washer, no normalling contacts
RJ5VI-D1	1/4" TRS Jack, vertical PCB D1, plastic nose, with nut and washer, with tip and ring normalling contacts
RJ3VI-S	1/4" TRS Jack, with solder lugs, plastic nose, with nut and washer, no normalling contacts
RJ5VI-S	1/4" TRS Jack, with solder lugs, plastic nose, with nut and washer, with tip and ring normalling contacts

Ordering Key

W/o SUFFIX:

"-D1":

"-S":

Specification

Electrical	
Rated current per contact	3 A
Contact resistance	< 10 mΩ
Insulation resistance	≥ 1 GΩ
Dielectric strength	500 V dc

Mechanical	
Lifetime	> 1'000 mating cycles
Insertion / withdrawal force	≤ 20 N / ≥ 10 N

Material	
Contacts	CuSn6
Contact plating	Ag
Shell (housing)	PA6 30% GR
Thread nose	ZnAl4Cu1

Environment	
Operating temperature	-20°C to +70°C
Solderability	complies with IEC68-2-20

1/4" Phone Jacks

NYS 216
Horizontal Jack

NYS 2202
Long Bushing

NYS 230
Open Jack

- Robust and reliable jacks in metal or plastic housing
- Horizontal and vertical PCB-mount
- Extra long-threaded bushing for thick panel and guitar bodies
- Plastic nut or chrome ferrule nut
- Kinked solder pins secure jack to PCB

NYS 220

NYS 221

NYS 2162

NYS 230

NYS 232

Ordering Information

Type No.	Mono 2 pole	Stereo 3 pole	Description	Distance to PCB
1/4" long bushing jacks				
NYS 2202	•		Jack for thick panels, long-threaded bushing with washer and nut, full metal	–
NYS 2203		•	Jack for thick panels, long-threaded bushing with washer and nut, full metal	–
NYS 221		•	Jack with special design head for guitar strap, for thick panels, long-threaded bushing with washer and nut, full metal	–
1/4" horizontal jacks (all contacts switched)				
NYS 212		•	Plastic housing with washer and nut, solder tap version	–
NYS 2122	•		Plastic housing with washer and nut, solder tap version	–
NYS 215		•	With chrome ferrule nut	8.2 mm
NYS 2152	•		With chrome ferrule nut	8.2 mm
NYS 2152G	•		With chrome ferrule nut and gold contacts	8.2 mm
NYS 2152G-DI-U	•		Solder tap version with chrome ferrule nut, gold contacts, bulk packaging	–
NYS 216		•	Plastic housing with washer and nut	8.2 mm
NYS 216H		•	Plastic housing with washer and nut, half threaded nose	8.2 mm
NYS 2162	•		Plastic housing with washer and nut	8.2 mm
NYS 2162H	•		Plastic housing with washer and nut, half threaded nose	8.2 mm
NYS 216G		•	With gold contact	8.2 mm
NYS 218		•	With extra long contacts	15.0 mm
NYS 2182	•		With extra long contacts	15.0 mm
NYS 219		•	With long contacts	12.5 mm
NYS 2192	•		With long contacts	12.5 mm
1/4" open jacks				
NYS 229	•		2 contacts, with washer and nut, panel thickness 3.5 mm	–
NYS 229L	•		2 contacts, with longer threaded nose, washer and nut, panel thickness 6.5 mm, with 0.205" faston tabs	–
NYS 230		•	3 contacts, with washer and nut, panel thickness 3.5 mm	–
1/4" vertical jacks				
NYS 232		•	Plastic housing, metal washer and nut, with tip and ring normalling contacts	24.85 mm

Specification

	Phone jacks
Electrical	
Rated current	depends on mating connector
Contact resistance	depends on mating connector
Insulation resistance	≥ 1 GΩ
Dielectric strength	500 V dc
Mechanical	
Lifetime	> 1`000 mating cycles
Insertion / withdrawal force	≤ 20 N / ≥ 10 N
Solderability	complies with IEC68-2-20
Operating temperature	-20°C to +70°C
Material	
Housing / handle	Brass Ni / Thermoplastic
Insulation	Thermoplastic
Contacts	Brass, SnCe / Au plated

1/4"Phone Plugs

NYS 204

NYS 208

NYS 224G

NYS 224C-6

- Commercial 1/4" plugs and adapters
- All connectors according to EIA RS-453 / IEC 60603-11
- Short and long metal handles
- Plastic handle with flexible strain relief
- Heavy duty cable clamp for best strain relief
- Available with nickel, gold and black plating
- Large cable outlet and solder tabs
- Right angle version
- "Silent switch" on plug finger helps eliminate "pop" during insertion and withdrawal

NYS 201

NYS 204

NYS 224

NYS 225

Part number coding:	B .... black handle	G.... gold plated contacts	AG .... all gold, gold plated contacts and shell
	BG ... black handle, gold plated contacts	S .... silent switch	GT .... gold plated tip contact

Ordering Information

Type No.	Mono 2 pole	Stereo 3 pole	Description	Cable O.D.
1/4" plugs short handle				
NYS 201	•		Short turned metal handle	6 mm
NYS 201L	•		With large cable outlet	7.5 mm
NYS 202		•	Short turned metal handle	6 mm
NYS 202L		•	With large cable outlet	7.5 mm
1/4" plugs plastic handle				
NYS 203	•		Plastic handle with flexible strain relief	6 mm
NYS 204		•	Plastic handle with flexible strain relief	6 mm
1/4" plugs right angle				
NYS 207	•		Metal housing, plastic bushing	6 mm
NYS 207-2	•		Metal housing, red cover & plastic bushing	6 mm
NYS 208		•	Metal housing, plastic bushing	6 mm
1/4" plugs long handle				
NYS 224	•		Long polished diecast handle	6 mm
NYS 224AG	•		With gold plated handle and contacts	6 mm
NYS 224BG	•		With black metal handle, gold plated contacts	6 mm
NYS 224G	•		With gold plated contacts	6 mm
NYS 224GT	•		With gold plated tip contact	6 mm
NYS 224L	•		With large cable outlet	8 mm
NYS 224S	•		With tip switched to ground if not inserted (silent)	6 mm
NYS 224C-*	•		Diecast handle with coloured coding ring & rubber flex relief	6 mm
NYS 228		•	Stereo version of NYS 224	6 mm
NYS 228BG		•	With black metal handle, gold plated contacts	6 mm
NYS 228G		•	With gold plated contacts	6 mm
NYS 228GT		•	With gold plated tip contact	6 mm
1/4" plugs with large shell for speaker cables				
NYS 225	•		Large metal handle, rubber bushing	8 mm
NYS 225B	•		With black metal handle	8 mm
NYS 225L	•		With large cable outlet	9 mm
NYS 225S	•		With tip switched to ground if not inserted (silent)	8 mm

*) 0 - black, 2 - red, 4 - yellow, 5 - green, 6 - blue

Specification

		Phone plugs
Electrical		
Rated current and contact resistance		depends on mating connector
Insulation resistance		≥ 1 GΩ
Dielectric strength		500 V dc
Mechanical		
Lifetime		1`000 mating cycles
Solderability		complies with IEC68-2-20
Operating temperature		-20°C to +70°C
Material		
Housing / handle	Zinc Diecast, Ni / Au / black plated	• (NYS 203 / 204 ABS)
Insulation		Thermoplastic
Contacts		Brass, Ni / Au plated
Strain relief		Crimp type SnCe plated

3.5 mm Phone Plugs

NYS 226

NYS 231BG

- Commercial 3.5 mm plugs
- All connectors according to EIA RS-453 / IEC 60603-11
- Heavy duty cable clamp for best strain relief
- Available with nickel and black plating
- Large cable outlet available

Cable Jacks & Adapters

NYS 2202P
Cable jack

NYS 240
Cable jack

NYS 236
Phone jack adapter

- Robust and reliable jacks (1/4" and 3.5 mm) in metal housing
- Heavy duty cable clamp
- Available with nickel and black plating
- 1/4" adapters to interconnect mono & stereo lines

NYS 231

NYS 2202P

NYS 237

NYS 240

Ordering Information

Type No.	Mono 2 pole	Stereo 3 pole	Description	Cable O.D.
1/4" plug & jack adapters				
NYS 237	•		Mono plug adapter to mate standard 1/4" jacks, full metal	–
NYS 239		•	Stereo plug adapter to mate standard 1/4" jacks, full metal	–
NYS 236	•		Mono jack adapter to mate standard 1/4" plugs, full metal	–
NYS 238		•	Stereo jack adapter to mate standard 1/4" plugs, full metal	–
3.5 mm plugs				
NYS 226	•		Metal handle with crimp strain relief	4 mm
NYS 226B	•		With black metal handle	4 mm
NYS 226BG	•		With black metal handle, gold plated contacts	4 mm
NYS 226G	•		With gold plated contacts	4 mm
NYS 226L	•		With large cable outlet	6 mm
NYS 227		•	3.5 mm plug to 1/4" stereo jack adapter, all metal	–
NYS 231		•	Metal handle with crimp strain relief	4 mm
NYS 231B		•	With black metal handle	4 mm
NYS 231BG		•	With black metal handle, gold plated contacts	4 mm
NYS 231G		•	With gold plated contacts	4 mm
NYS 231L		•	With large cable outlet	6 mm
NYS 231LBG		•	With large cable outlet, black metal handle, gold plated contacts	6 mm
NYS 231LL		•	With x-large cable outlet	8 mm
NYS 231BG-LL		•	With x-large cable outlet, black metal handle, gold plated contacts	8 mm
Cable jacks				
NYS 2202P	•		1/4" mono cable jack with metal handle	6 mm
NYS 2203P		•	1/4" stereo cable jack with metal handle	6 mm
NYS 240		•	3.5 mm stereo cable jack with metal handle	4 mm
NYS 240BG		•	With black metal handle, gold plated contacts	4 mm
NYS 240L		•	With large cable outlet	6 mm

Specification

	Cable Jacks & 3.5 mm plugs	Adapters
Electrical		
Rated current	depends on mating connector	depends on mating connector
Contact resistance	depends on mating connector	depends on mating connector
Insulation resistance	≥ 1 GΩ	≥ 1 GΩ
Dielectric strength	500 V dc	500 V dc
Mechanical		
Lifetime	1`000 mating cycles	1`000 mating cycles
Solderability	complies with IEC68-2-20	complies with IEC68-2-20
Insertion / withdrawal force	≤ 20 N / ≥ 10 N	complies with IEC68-2-20
Operating temperature	-25°C to +70°C	-25°C to +70°C
Material		
Housing / handle - Zinc Diecast Ni/Au/black plated	3.5 mm plugs	•
- Brass, Ni/black plated	cable jacks	–
Insulation	Thermoplastic	Thermoplastic
Contacts	Brass, Ni / Au plated	Brass, Ni / Au plated
Strain relief	Crimp type SnCe plated	–

Part number coding:
B .... black handle
BG ... black handle, gold plated contacts
G.... gold plated contacts
S .... silent switch
AG .... all gold, gold plated contacts and shell
GT .... gold plated tip contact

Phono ("RCA/Cinch")

NYS 352

NYS 354

NYS 355

NYS 373-0

- Heavy duty phono plugs
- All metal
- Cable O.D. up to 7.2 mm
- Cable clamp or chuck type strain relief (NYS373*)
- Phono receptacle for PCB-mounting
- Phono to phono female adapter

NYS 352

NYS 354

NYS 355

NYS 373-*

Ordering Information

Type No.	Description	Cable O.D.
Phono ("RCA/Cinch")		
NYS 352	Phono plug	7.2 mm
NYS 352AG	Phono plug, all gold plated	7.2 mm
NYS 352B	Phono plug with black metal handle	7.2 mm
NYS 352BG	Phono plug with gold plated contacts and black metal handle	7.2 mm
NYS 352G	Phono plug with gold plated contacts	7.2 mm
NYS 354	Phono receptacle, PCB-mount, max. panel thickness 1.2 mm	–
NYS 355	Phono to phono female adapter	–
NYS 367-*	Phono chassis mount socket, gold plated contacts, color coding	–
NYS 372P	Phono jack with nickel plated contacts and handle	7.2 mm
NYS 372P-BG	Phono jack with gold plated contacts and black plated handle	7.2 mm
NYS 373-*	Phono plug with gold plated contacts, black chromium shell, chuck type strain relief	3.5 – 6.1 mm

*) 0 - black, 2 - red, 4 - yellow, 5 - green, 6 - blue, 9 - white

Specification

		Phono ("RCA/Cinch")
Electrical		
Rated current		depends on mating connector
Contact resistance		depends on mating connector
Insulation resistance		≥ 1 GΩ
Dielectric strength		500 V dc
Mechanical		
Lifetime		> 1`000 mating cycles
Solderability		complies with IEC68-2-20
Operating temperature		-25°C to +70°C
Material		
Housing / handle		Zinc diecast or Brass Ni / Au / black plated
Insulation		Thermoplastic
Contacts		Brass, Ni / Au plated
Strain relief	- Crimp type SnCe plated	•
	- Chuck tye (POM)	NYS 373

Part number coding:	B .... black handle	G.... gold plated contacts	AG .... all gold, gold plated contacts and shell
	BG ... black handle, gold plated contacts	S .... silent switch	GT .... gold plated tip contact

DIN Connectors

NYS 321

NYS 325

- Male cable connectors with rugged diecast shell
- Flexible bushing
- Gold or silver plated non-tarnishing contacts
- Heavy duty cable clamp
- Female receptacle, stamped housing
- Complete shielding with ground contact
- Nickel-plated shell

NYS 321

NYS 324

Ordering Information

Type No.	Description	Cable O.D.
DIN male cable connectors		
NYS 321	3 pole, with silver plated contacts	5.0 mm
NYS 321G	3 pole with gold plated contacts	5.0 mm
NYS 322	5 pole, with silver plated contacts	5.0 mm
NYS 322G	5 pole with gold plated contacts	5.0 mm
NYS 322AG	5 pole with gold plated shell and contacts	5.0 mm
NYS 323	7 pole, with silver plated contacts	5.0 mm
NYS 323G	7 pole, with gold plated contacts	5.0 mm
DIN female chassis connectors		
NYS 324	3 pole, with silver plated contacts	–
NYS 325	5 pole, with silver plated contacts	–
NYS 326	7 pole, with silver plated contacts	–

Specification

		DIN connectors
Electrical		
Rated current		depends on mating connector
Contact resistance		depends on mating connector
Insulation resistance		≥ 1 GΩ
Dielectric strength		500 V dc
Mechanical		
Lifetime		> 1`000 mating cycles
Cable O.D.		5 mm
Solderability		complies with IEC68-2-20
Operating temperature		-25°C to +70°C
Material		
Housing / handle	- Zinc diecast Ni/Au plated	•
	- Steel, Ni plated	NYS 324 / 325 / 326
Insulation		Thermoplastic
Contacts		Brass, Ni / Au plated
Strain relief		Crimp type Zn plated

Part number coding:	B .... black handle	G.... gold plated contacts	AG .... all gold, gold plated contacts and shell
	BG ... black handle, gold plated contacts	S .... silent switch	GT .... gold plated tip contact

Patch Box

NYS-SSR-8

- "The Easy Way to Link your Audio System"
- 1/4" Patch box with 8 send/return moduls (split print)
- Metal housing – reliable and robust
- Easy to assemble, simple to use

NYS SSR-8

Stage Boxes

NSB2A-20/4 NSB2B-12/4 NSB1C-8/0

- Modular system for individual size and configuration
- Designed to be in an individual combination of connectors for "IN" and "OUT" and length
- Easy to assemble
- 3 pole XLR IDC receptacles eliminate stripping and tinning of wires
- Self-adhesive labels for channel numbering not included. Must be ordered separately.
- Extremely price competitive

Type A

Type A	L
NSB1A	132 (5.2')
NSB2A	252 (9.93')
NSB3A	372 (14.65')
NSB4A	491 (19.33')

Type B

Type B	L
NSB1B	132 (5.2')
NSB2B	252 (9.93')
NSB3B	372 (14.65')

Type C

Type C	L
NSB1C	132 (5.2')
NSB2C	252 (9.93')
NSB3C	372 (14.65')

Ordering Information

Patch box	
NYS-SSR-8	1/4" patch box with 8 send/return moduls (split print)

Stage boxes – type A	
NSB1A-8/4	Length 1, 8 IN (female/send) and 4 OUT (male/return)
NSB2A-12/4	Length 2, 12 IN (female/send) and 4 OUT (male/return)
NSB2A-20/4	Length 2, 20 IN (female/send) and 4 OUT (male/return)
NSB3A-32/4	Length 3, 32 IN (female/send) and 4 OUT (male/return)
NSB4A-40/4	Lenght 4, 40 IN (female/send) and 4 OUT (male/return)
NSB4A-40/8	Lenght 4, 40 IN (female/send) and 8 OUT (male/return)

Stage boxes – type B	
NSB1B-8/0	Length 1, 8 IN (female/send)
NSB2B-12/4	Length 2, 12 IN (female/send) and 4 OUT (male/return)
NSB2B-16/0	Length 2, 16 IN (female/send)
NSB3B-20/4	Length 3, 20 IN (female/send) and 4 OUT (male/return)

Stage boxes – type C	
NSB1C-8/0	Length 1, 8 IN (female/send)
NSB2C-12/4	Length 2, 12 IN (female/send) and 4 OUT (male/return)
NSB3C-20/4	Length 3, 20 IN (female/send) and 4 OUT (male/return)

(Supplied as disassembled set comprising of all hardware parts including plates, profiles, strain relief, endpieces and screws.)

Specification

		1/4" patch box	Stage boxes
Electrical			
Rated current	depends on mating connector	•	2 A
Contact resistance	depends on mating connector	•	< 5 mΩ
Insulation resistance		≥ 1 GΩ	≥ 1 GΩ
Dielectric strength		500 V dc	500 V dc
Mechanical			
Lifetime		> 10'000 mating cycles	> 1'000 mating cycles
Insertion / withdrawal force		≤ 10 N / ≥ 10 N	≤ 10 N / ≥ 10 N
Multicore cable O.D.		–	15/20 mm
Applicable wire size		–	0.22 mm² / 24 AWG and 0.14 mm² / 26 AWG
Operating temperature		-25°C to + 70°C	-25°C to + 70°C
Material			
Housing		Aluminium	Aluminium
Quad plates		–	POM
End pieces		Thermoplastic	Thermoplastic
Contacts	Brass/Bronze	Ni plated	Au plated
Part number coding:	B .... black handle BG ... black handle, gold plated contacts	G.... gold plated contacts S .... silent switch	AG .... all gold, gold plated contacts and shell GT .... gold plated tip contact

Dual Banana Plugs

NYS 508-R

NYS 508-B

- Cable strain relief: teethed cable clamp featuring cable O.D. 6.0 – 10.5 mm
- Protection against electric shock: cable ends and plugs are completely covered in mated condition
- Gold plated contacts for tarnish resistance & long insertion life

NYS 508-*

Ordering Information

Type No.	Description	Cable O.D.
Dual banana plugs		
NYS 508-R	Dual banana plug, red housing	6.0 – 10.5 mm
NYS 508-B	Dual banana plug, black housing	6.0 – 10.5 mm

Specification

	Dual banana plug
Electrical	
Rated current	20 A
Insulation resistance	≥ 1 GΩ
Dielectric strength	500 V dc
Mechanical	
Lifetime	> 1`000 mating cycles
Operating temperature	-25°C to +50°C
Material	
Insulation	Thermoplastic
Contacts	Brass plated
Strain relief	Teethed cable clamp

Part number coding:	B .... black handle	G.... gold plated contacts	AG .... all gold, gold plated contacts and shell
	BG ... black handle, gold plated contacts	S .... silent switch	GT .... gold plated tip contact

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