

# Ordering Information

## Mobile Cables

### CODING OF MOBILE CABLES

Find a convenient opticalCON part number generator on [www.neutrik.com](http://www.neutrik.com)



**N K O 2 M - 4 S 7 5 - R 3 - 5 0** (Example)  
 NEUTRIK opticalCON cable assembly      no suffix Ni

	Cable	Plating		Packaging					Cable length [m]							
		hard Nickel	Ruthenium	0	1	2	3	4	5	0	1	2	3	4	5	
opticalCON DUO	<b>2-channel</b> 	2M (PC)	•	•	•	•	•	•	•	<2000	<30	<200	<400	<1000	<500	
		2S (PC)    2SA (APC)														
	<b>Multimode HYBRID</b> 	2M-4S75 (PC)	•	•	•	•	-	•	•	•	<2000	<30	-	<125	<300	<150
	<b>SMPTE</b> 	2S-S1 (PC)    2SA-S1 (APC)	•	•	•	•	-	•	•	•	<2000	<30	-	<100	<300	<150
	<b>Low Voltage Hybrid SM</b> 	2S-S5 (PC)    2SA-S5 (APC)	-	•	•	•	-	•	•	•	<2000	<30	-	<150	<500	<250
	<b>X-TREME</b> 	X2M (PC)	-	•	•	•	-	•	•	•	<2000	<30	-	<100	<300	<150
		X2S (PC)    X2SA (APC)														
	<b>POWER SPLIT</b> 	P2MY (PC)	-	•	•	-	•	•	•	<2000	-	-	<75	<200	<100	
		P2SY (PC)    P2SAY (APC)														
		P4MY (PC)	-	•	•	-	•	•	•	<2000	-	-	<75	<200	<100	
		P4SY (PC)    P4SAY (APC)														
opticalCON QUAD	<b>4-channel</b> 	4M (PC)	-	•	•	•	•	•	•	<2000	<30	<150	<300	<800	<400	
		4S (PC)    4SA (APC)														
	<b>4-channel X-TREME</b> 	X4M (PC)	-	•	•	•	-	•	•	•	<2000	<30	-	<100	<300	<150
		X4S (PC)    X4SA (APC)														
	<b>12-channel</b> 	12M (PC)	-	•	•	-	-	•	•	•	<2000	-	-	<125	<400	<200
		12S (PC)    12SA (APC)														
	<b>POWER SPLIT</b> 	P8M (PC)	-	•	•	-	-	•	•	•	<2000	-	-	<75	<200	<100
	P8S (PC)    P8SA (APC)															
		P4M (PC)	-	•	•	-	-	•	•	•	<2000	-	-	<75	<200	<100
		P4S (PC)    P4SA (APC)														

1) ... Male-Female assembly on request; PC ... physical contact; APC ... angled physical contact;

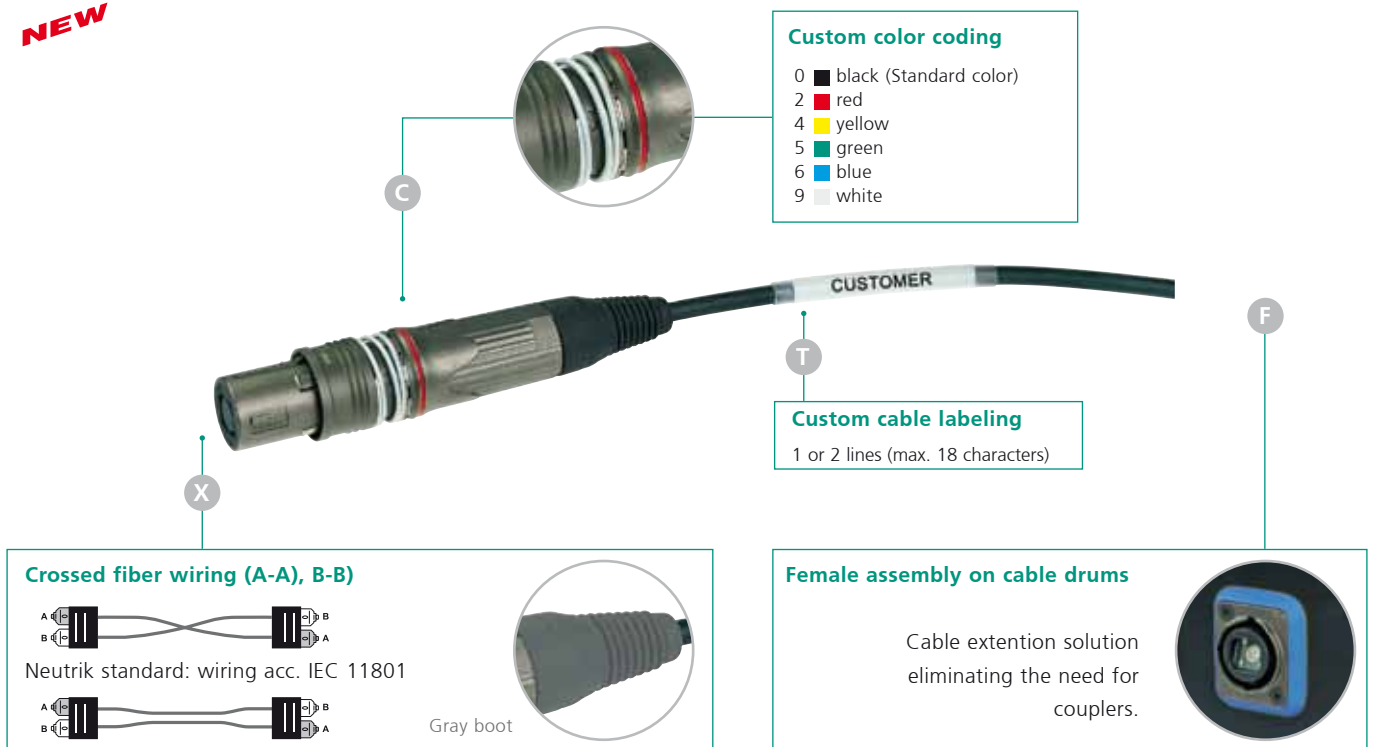
## PACKAGING



0 ... Airspool 1 ... opticalCON Case 2 ... Drum Schill GT310 3 ... Drum Schill GT380 4 ... Drum Schill HT582 5 ... Drum Schill GT450

## Custom Cable Assembly Attributes

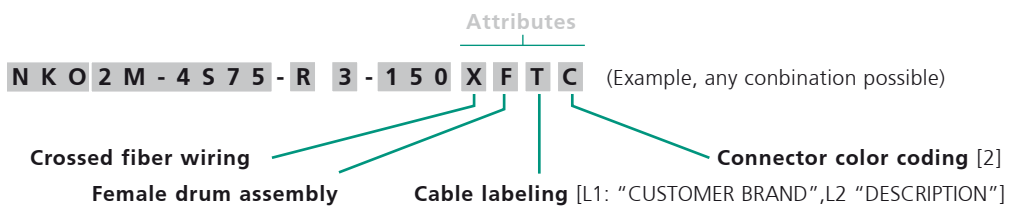
**NEW**



## Attributes

X ..... Crossed fiber wiring A-A, B-B  
 F ..... Female drum assembly, only packaging -2 to -5  
 T [L1, L2] ..... Custom cable labeling  
 C [ ] ..... Connector color coding

## Ordering Example



# Ordering Information

## Mobile Cables

### Custom Cable Assembly Attributes for Split Cables

**NEW**

**Custom color coding**

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

**Female assembly on cable drums**

Cable extension solution eliminating the need for couplers.

**Split text labeling**

1 or 2 lines

**Custom cable labeling**

1 or 2 lines (max. 18 characters)

**Custom split length**

Standard: length 1 m

**Stepped split assembly**

Standard: equal split length

**Inverted powerCON on cable drum assembly**

Standard: powerCON type on long cable: BLUE

**Crossed fiber wiring (A-A), B-B**

Neutrik standard: wiring acc. IEC 11801

Gray boot

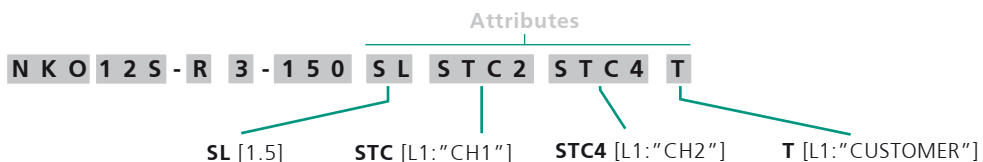
**Power OUT**

**Power IN**

### Attributes for Split Cables

X .....	crossed wired fibers A-A, B-B	STC5 [L1 " "; L2 " "] .....	split text green
F .....	female drum assembly, only packaging -2 to -5	STC6 [L1 " "; L2 " "] .....	split text blues
T [L1, L2] .....	custom cable labeling	STC9 [L1 " "; L2 " "] .....	split text white
STC0 [L1 " "; L2 " "] .....	split text black	SS .....	stepped split assembly
STC2 [L1 " "; L2 " "] .....	split text red	SL [ ] .....	split length in meter
STC4 [L1 " "; L2 " "] .....	split text yellow	SP .....	inverted powerCON in/OUT, only packaging -2 to -5

### Ordering Example



# Chassis Connectors & Breakout Solutions

## CHASSIS & COUPLER



	Type	Colour	Plating	Fiber	Solder contacts	Shell ground contact	Wiring
NO2-4FDW	Chassis	<sup>1)</sup>	hard Nickel	2	4	-	-
NO2-4FDW-R	Chassis	<sup>1)</sup>	Ruthenium	2	4	-	-
NO2-4FDW-1	Chassis	<sup>1)</sup>	hard Nickel	2	4	1	-
NO2-4FDW-1-R	Chassis	<sup>1)</sup>	Ruthenium	2	4	1	-
NO4FDW-R	Chassis	<sup>1)</sup>	Ruthenium	4	-	-	-
NAO2M-4S75W <sup>2)</sup>	Coupler	black	black	2 x LC-Duplex Multimode PC	4 x 0.75 mm <sup>2</sup>	-	
NAO2S-4S75W <sup>2)</sup>	Coupler	blue	black	2 x LC-Duplex Single mode PC	4 x 0.75 mm <sup>2</sup>	-	
NAO2SA-4S75W <sup>2)</sup>	Coupler	green	black	2 x LC-Duplex Single mode APC	4 x 0.75 mm <sup>2</sup>	-	
NAO4MW <sup>2)</sup>	Coupler	black	black	4 x Multimode PC	-	-	
NAO4SW <sup>2)</sup>	Coupler	blue	black	4 x Single mode PC	-	-	
NAO4SAW <sup>2)</sup>	Coupler	green	black	4 x Single mode APC	-	-	

<sup>1)</sup> ... Coloured labeling to indicate the fiber mode included (black: M, blue: SM PC, green: SM APC)

<sup>2)</sup> ... add attribute X for crossed fiber wiring

## MEASUREMENT / BREAKOUT SOLUTIONS



NKO2S-BOSC-R-0-1

**NKO2M - B OLC - R - 0 - 3** (Example)

NEUTRIK opticalCON cable assembly

Plating Ruthenium

		Cable		Breakout Connector				Packaging <sup>1)</sup>					Cable length [m]						
		fiber	copper	LC	SC	ST	FC	0	1	2	3	4	0	1	2	3	4		
opticalCON	DUO	<b>2-channel</b>		2M	-	•	•	•	•	•	-	-	-	<2000	<30	-	-	-	
				2S	2SA	-	-	-	-	-	-	-	-	-	<2000	<30	-	-	-
		<b>SMPTE</b>		2S	2SA	-S1	•	•	•	•	•	-	-	-	<2000	<30	-	-	-
	<b>Low Voltage Hybrid SM</b>		2S	2SA	-S5	•	•	•	•	•	-	-	-	<2000	<30	-	-	-	
	QUAD	<b>4-channel</b>		4M	-	•	•	•	•	•	-	-	-	<2000	<30	-	-	-	
				4S	4SA	-	-	-	-	-	-	-	-	-	<2000	<30	-	-	-

Breakout solutions for further opticalCON cables than listed on request. <sup>1)</sup> ... Packaging options see page 16; <sup>2)</sup> ... short length only recommended

## NAOBO – Breakout Adapter



NAOBO (KIT)

Application example



- Flexible chassis mounting solution
- Adaption solution to meet existing non-opticalCON fiber installation

# Ordering Information

## Chassis Connectors & Breakout Solutions

### TRANSCEIVER ADAPTER



NAO2SA-SFP-LC



opticalCON with transceiver adapter and SFP transceiver

NAO2M-SFP-LC	grey	MM Transceiver Adapter + opticalCON chassis (NO2-4FDWR) without copper contacts
NAO2S-SFP-LC	blue	SM Transceiver Adapter + opticalCON chassis (NO2-4FDWR) without copper contacts
NAO2SA-SFP-LC	green	SM APC Transceiver Adapter + opticalCON chassis (NO2-4FDWR) without copper contacts

### ACCESSORIES



NDO



SCNKO



SCDP-\*



CRNKO-\*



SCDR



SCDX



NAO4ML-R

NDO	dummyPLUG for opticalCON chassis connector	SCDR	Rear end protection cover for D-size chassis connectors
SCNKO	Dirtprotection for opticalCON cable connector	SCDX	Hinged cover seals D-size chassis connectors, IP42 rated
SCDP-*	D-Size sealing gaskets for chassis color coding	NAO4ML-R	opticalCON QUAD LOOP connector, multimode
CRNKO-*	Color coding ring for cable connector coding	NAO4SL-R	opticalCON QUAD LOOP connector, single mode
* .....	*: 0- black, 2- red, 4- yellow, 5- green, 6- blue, 9- white		

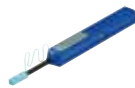
## Fiber Optic Measurement & Cleaning Kit



CAS-FOCD



FOCD-CF



FOCD-DC125/250



CAS-FOMD



FOMD-TC-SM1550



FOMD-FM-MM

CAS-FOCD	Fiber Optic Cleaning Devices - CASE contains hand microscope, opticalCON measurement adapter, cleaning set	CAS-FOMD	Fiber Optic Measurement Devices - CASE contains power source frame, 1.25 mm adapter and multi mode attenuator
FOCD-CF <sup>1)</sup>	Cleaning Fluid	FOMD-TC-MM850 <sup>2)</sup>	Transceiver 850 nm multimode
FOCD-DC125 <sup>1)</sup>	DRY Cleaner 1.25 mm	FOMD-TC-SM1310 <sup>2)</sup>	Transceiver 1310 nm single mode
FOCD-DC250 <sup>1)</sup>	DRY Cleaner 2.5 mm	FOMD-TC-SM1550 <sup>2)</sup>	Transceiver 1550 nm single mode
FOCD-DW <sup>1)</sup>	Lint-free dry wipes for fiber cleaning	FOMD-FM-MM <sup>2)</sup>	Fiber meter multimode
		FOMD-FM-SM <sup>2)</sup>	Fiber meter single mode
	<sup>1)</sup> ... refill consumable, in CAS-FOCD included		<sup>2)</sup> ... combine with CAS-FOMD

## opticalCON Connector Field Assembly

- Neutrik opticalCON field assembly kit
- Based on Corning UniCam pre-polished LC connectors
- Requires completion of a certified Neutrik opticalCON field assembly training
- Find more details on [www.neutrik.com](http://www.neutrik.com)



opticalCON connector Field assembly



# powerMONITOR, Panels & Breakout Box

## POWERMONITOR

**NEW**

**NO2S - 2F - 2R - PM** <sup>1)</sup>

Neutrik opticalCON	Channel	Mode	Chassis Front	Chassis Rear	power MONITOR
	2	S	2F (DUO)	2R (DUO)	PM
		SA			
4	M	4F (QUAD)	4R (QUAD)		



Front view: e.g. 4F (opticalCON QUAD)



Rear view: e.g. 2R (opticalCON DUO)

<sup>1)</sup> ... add attribute X for crossed fiber wiring



## D-SHAPE Z-PANELS

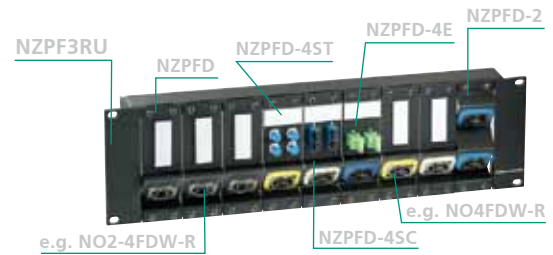
### Panel frame 1RU



### Angled rack panel



### Panel frame 3RU



NZPF1RU	Panel frame 1RU opticalCON
NZPF3RU	Panel frame 3RU opticalCON
NZP1RU-8	Panel 1RU, 8 D size cutouts
NZPFD	Panel frame plate opticalCON
NZPFBP	Panel frame blind plate
NZPFD-2	Panel frame plate 2 D size cutouts
NZPFD-4E	Panel frame plate 1 D size cutout, 2 E2000 compact chassis cutouts
NZPFD-4SC	Panel frame plate 1 D size cutout, 2 SC compact chassis cutouts
NZPFD-4ST	Panel frame plate 1 D size cutout, 4 ST chassis cutouts
NZPFD-4CS-S	Panel frame plate 1 D size cutout, 4 SC simplex cutouts
NOSPM-LC50-LC50	Multimode 1 x 2 splitter LC*
NOSPS-LC50-LC50	Single mode PC 1 x 2 splitter LC*

\* ... other connectors (SC, ST, E200) on request

### NOSPS-50LC-50LC

**NEW**



# Ordering Information

## BREAKOUT BOX

**NEW**

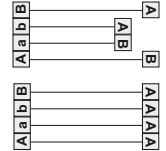


NO4SABB1-4



NO4SBB1-4-PM

NO4SBB1-2 <sup>1)</sup>	1 x NO4FDW-R to 2 x NO2-4FDW-R, Single mode PC
NO4SABB1-2 <sup>1)</sup>	1 x NO4FDW-R to 2 x NO2-4FDW-R, Single mode APC
NO4MBB1-2 <sup>1)</sup>	1 x NO4FDW-R to 2 x NO2-4FDW-R, Multimode PC
NO4SBB1-4	1 x NO4FDW-R to 4 x NO2-4FDW-R, Single mode PC
NO4SABB1-4	1 x NO4FDW-R to 4 x NO2-4FDW-R, Single mode APC
NO4MBB1-4	1 x NO4FDW-R to 4 x NO2-4FDW-R, Multimode PC



## Breakout Box with powerMONITOR

NO4*BB1-*-PM <sup>1)</sup>	breakout box equipped with opticalCON powerMONITOR
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<sup>1)</sup> ... add attribute X for crossed fiber wiring



## POWER SUPPLY FOR POWERMONITOR

**NEW**



NOPS-1RU-PM



NOPS-3RU-PM



NOPS-E-PM

NOPS-1RU-PM	opticalCON powerMONITOR 5W Power Supply, powers up to 2 power monitors, Intern. AC plugs included
NOPS-3RU-PM	opticalCON powerMONITOR 15W Power Supply, 1 + 3RU use, powers up to 9 power monitors, IEC power socket
NOPS-E-PM	opticalCON powerMONITOR, power supply extension cable to daisy-chain power

# Mouser Electronics

Authorized Distributor

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