

Data Cable

Male Connector: **XLR7M**
 e.g. Neutrik NC7MX or NC7MX-B

Female Connector: **XLR7F**
 e.g. Neutrik NC7FX or NC7FX-B

Note: alternative manufacturer's connectors may have different pin configurations – check compatibility with Neutrik parts before use

Cable: **3-pair 22AWG with overall shield**
100/120 ohm nominal impedance
 e.g. TMB “ProPlex” PC226T (for portable / touring use)
 Alpha 6213C (for installation use)

Cable Colour Code

PIN	FUNCTION	COLOUR (PC226T)	COLOUR (6213C)	PAIR
1	Data Ground	shield	shield	shield
2	Data -	black	black (red)	pair 1A
3	Data +	white	red	pair 1B
4	24V DC	red	black (white)	pair 2A
5	0V	green	white	pair 2B
6	Emergency Stop (12V)	blue	black (green)	pair 3A
7	Enable (24V)	orange	green	pair 3B

Power Cable (400V Units)

Male Connector: **32A 5-pin plug “Ceeform” type**
 Red 6h earth position
 e.g. Walther 230

Female Connector: **32A 5-pin coupler “Ceeform” type**
 Red 6h earth position
 e.g. Walther 330

Cable: **5-core 6mm² 400V/700V rated (H07)**
 e.g. Lapp Cable 1600 1313 (H07RN-F) for portable use

Cable Colour Code

PIN	FUNCTION	COLOUR
E	Earth	green/yellow
L1 / R	Live 1	brown
L2 / S	Live 2	black
L3 / T	Live 3	grey
N	Neutral	blue