

RJ45 field plug pro –  
field assembled, fully shielded  
and multiport-capable



# The RJ45 field plug pro

180° straight and 360° angled

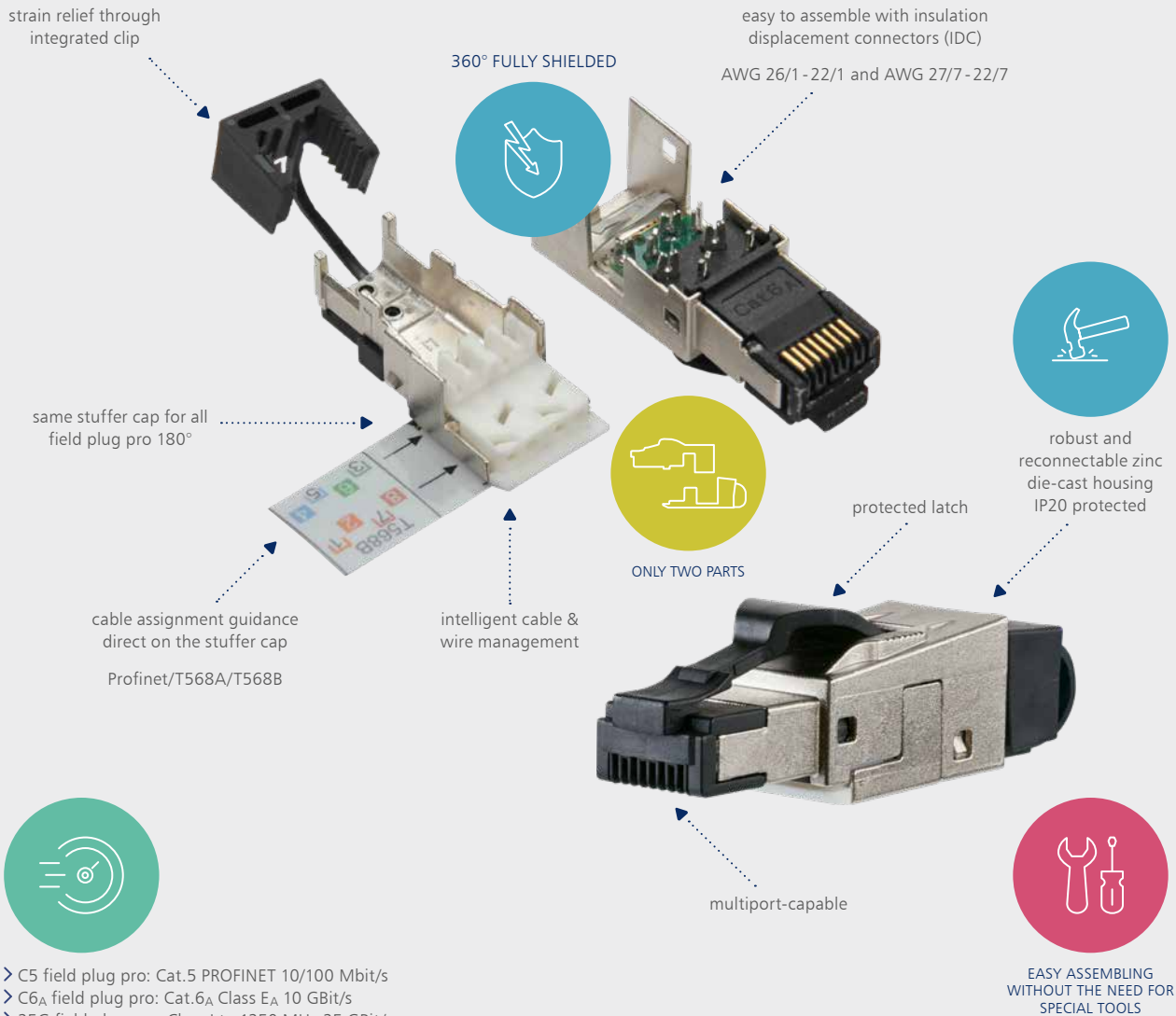
The METZ CONNECT field assembled RJ45 field plug pro is the right choice for structured cabling with industry or data centers with high data transmission rates up to 40 GBit/s where high-performance and reliable connections are needed.

The RJ45 field plug pro is available in a 180° straight and 360° angled, 4-pair and 2-pair version. It can easily be connected to all common cable types without much preparation and its new design allows it to be used in restricted spaces.

It impresses with its robust zinc die-cast housing and protected latch for industrial use. Its compact design makes the connector multi-port capable while being fully shielded.

The RJ45 field plug pro is designed for field assembly without the need for special tools. It is suitable for Power over Ethernet (PoE, PoE plus, UPoE and 4PPoE), HDBaseT or other multimedia applications as well as for industry standards such as PROFINET and EtherNet/IP.



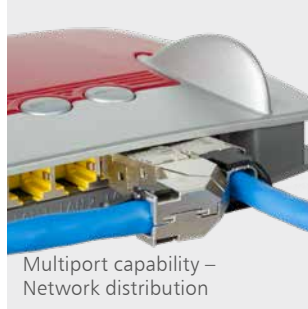


- > C5 field plug pro: Cat.5 PROFINET 10/100 Mbit/s
- > C6A field plug pro: Cat.6A Class EA 10 GBit/s
- > 25G field plug pro: Class I to 1250 MHz 25 GBit/s
- > 40G field plug pro: Class I to 2000 MHz 40 GBit/s

## Performance overview

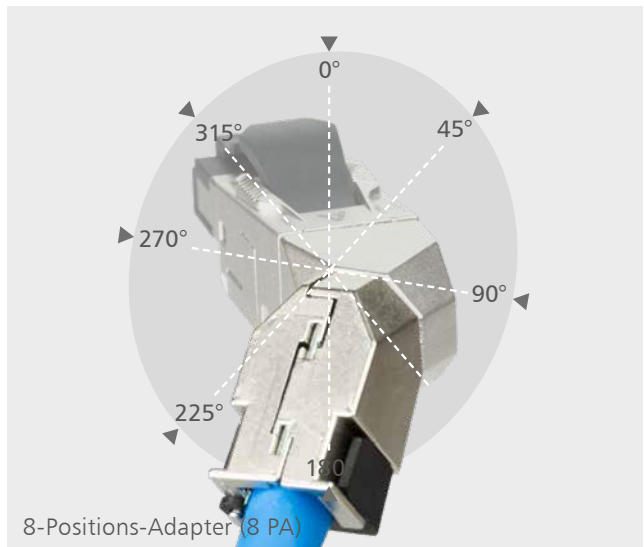
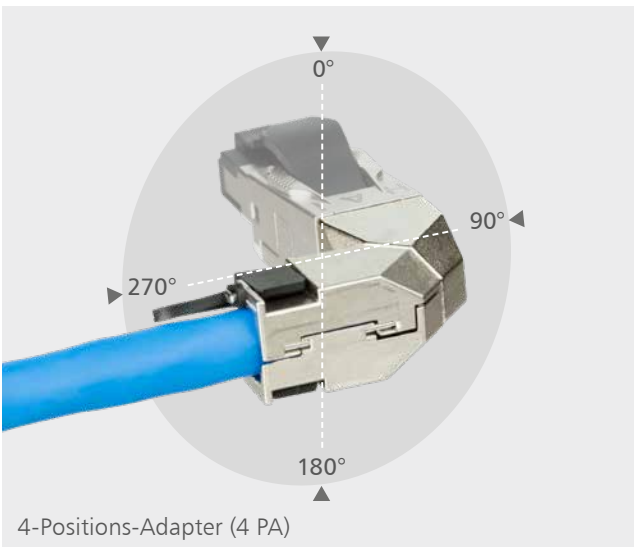
- > field-assembled RJ45 connector, IP20 rated
- > straight cable entry (180°) or variable, freely selectable (360°)
- > easy assembling without the need for special tools
- > fully shielded and multiport-capable
- > suitable for Power over Ethernet (PoE, PoE plus, UPoE and 4PPoE) and HDBase
- > variable cable entry 4 x 8 positions possible
- > industrial-suited zinc die-cast housing, 2-part for 180° version or 4-part for 360° version
- > strain relief snapped on directly to stuffer cap and protected latch
- > reconnectable, when using the same or a larger cross section
- > suitable for 40 GBit/s to IEEE 802.3bq, 25 GBit/s to IEEE 802.3bq, 10 GBit/s to IEEE 802.3an (4-pair) and for 100 MBit (2-pair) to IEEE 802.3u
- > Cat.8.1, Cat.6A (4-pair) or Cat.5 (2-pair) to ISO/IEC 11801 Ed.3:2017
- > compliance with Class I, Class EA (4-pair) or Class D (2-pair) to ISO/IEC 11801 Ed.3:2017, DIN EN 50173-1:2018
- > suitable for cable sheath diameters of 5.5 to 10.5 mm
- > wire connection stranded wire AWG 27/7 to 22/7, wire diameter 0.43 to 0.76 mm
- > wire connection solid wire AWG 26/1 to 22/1, wire diameter 0.4 to 0.64 mm
- > wire diameter up to 1.6 mm

## Applications












The 360° version with multiple cable outlet makes for flexible use of the connector. The two rear position adapters 4 PA (4 x 90°) and 8 PA (8 x 45°) thus allow a total of 32 cable positions. This also allows jacks that are difficult to access to

be reached reliably without problems and without high bending radii. Despite the many different positions it meets the transmission properties.



## Product overview

40G PATCH CORD		PART NUMBER	CABLE LENGTH	40 GBit
 <p>RJ45 Cat.8.1 AWG26 S/FTP LSHF yellow</p>		13084H0577-E	0,5 m	
		13084H1077-E	1,0 m	
		13084H1577-E	1,5 m	
		13084H2077-E	2,0 m	
		13084H3077-E	3,0 m	
		13084H5077-E	5,0 m	
PLUG 4-PAIR		PART NUMBER	VARIANT	25 GBit
 <p>40G RJ45 field plug pro</p>	130H405032-E	180°		
 <p>40G RJ45 field plug pro 360</p>	130H405042-E	360°		
 <p>25G RJ45 field plug pro</p>	130G405032-E	180°		
 <p>25G RJ45 field plug pro 360</p>	130G405042-E	360°		
 <p>C6<sub>A</sub> RJ45 field plug pro</p>	130E405032-E	180°		
 <p>C6<sub>A</sub> RJ45 field plug pro 360</p>	130E405042-E	360°		
PLUG 2-PAIR		PART NUMBER	VARIANT	10/100 MBit
 <p>C5 RJ45 field plug pro 2P</p>	130E405032PE	180°		
 <p>C5 RJ45 field plug pro 2P 360</p>	130E405042PE	360°		

METZ CONNECT GmbH is member of the following organizations and associations.



#### METZ CONNECT GmbH

Im Tal 2  
78176 Blumberg  
Germany

Phone +49 7702 533-0  
Fax +49 7702 533-189

info@metz-connect.com  
www.metz-connect.com



#### METZ CONNECT USA Inc.

200 Tornillo Way  
Tinton Falls, NJ 07712  
USA

Phone +1-732-389-1300  
Fax +1-732-389-9066

#### METZ CONNECT France SAS

28, Rue Schweighaeuser  
67000 Strasbourg  
France

Phone +33 3886 170 73  
Fax +33 3886 194 73

#### METZ CONNECT Zhongshan Ltd.

Ping Chang Road  
Ping Pu Industrial Park  
Sanxiang Town  
Zhongshan City, 528463  
Guangdong Province  
China

Phone +86 760 86365 055  
Fax +86 760 86365 050

#### METZ CONNECT Asia Pacific Ltd.

Suite 1803, 18/F  
Chinachem Hollywood Centre,  
1 Hollywood Road, Central  
Hong Kong

Phone +852 26 027 300  
Fax +852 27 257 522

