

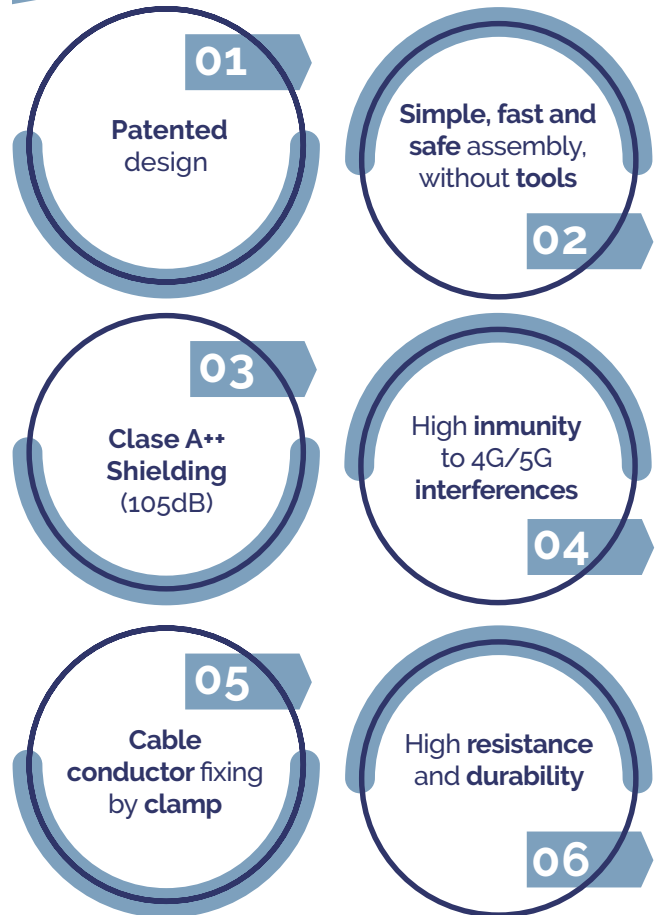
IEC CLASS A ++ CONNECTORS

BEYOND YOUR EXPECTATIONS

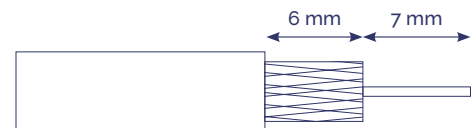
C95 M68 · C95 H68
C95 M49 · C95 H49

EK presents the first 90° metal connectors in the market fully produced in a single-zamak-block.

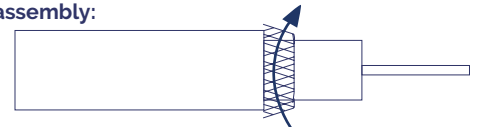
This range of IEC 9,5mm 90° connectors are manufactured in a single piece with no-opening continuous shielding. This **patented design** by EK gives them the highest shielding on the market (**Class A ++**).



Paring recommended cable:



Coil the braiding wires around the dielectric to facilitate the connector the assembly:



TECHNICAL INFORMATION

| REFERENCE | | C95 M68 | C95 H68 | C95 M49 | C95 M49 |
|----------------|----------|---------------|------------|-----------|------------|
| Code | | 162010 | 162011 | 162012 | 162013 |
| Frequency | MHz | 5-2300€ | | | |
| Shielding | dB | Clase A++ 105 | | | |
| Impedance | Ω | 75 | | | |
| Type | | IEC macho | IEC hembra | IEC macho | IEC hembra |
| Cable diameter | mm | 6,6 - 6,9 | 6,6 - 6,9 | 4,7 - 5,1 | 4,7 - 5,1 |

ITS PARTNER

Test of: Coupling transfer function (Ed.2)

Information for test

Test Job: 1 Operator: J. M. Measurement: 12.04.2020

Test set-up:

Remark: TRISHIELD

Device under test

Item Number: 85-5 Cable type: EK IEC Connector C95M6.B
 Type: coaxial Zw: 75.0 Ohm
 Test length: 1.50 m Eps r: 2.3

Test parameter

Start frequency: 300.0 kHz Gen. Power: 0.0 dBm Add. parameter of transfer impedance:
 Stop frequency: 3.0 GHz Atten.(P1/P2): 0.0 dB Test-setup: Short-Matched
 Number of points: 801 R1(Z1): 75.0 Ohm
 Distance of points: log Length DUT: 1.00 m R2: 0.0 Ohm Eps r2: 0.0
 IF-BW: 10 Hz Rp --- Z2: 0.0 Ohm
 Z(NWA): 50.0 Ohm Rs: --- lex: 0.0 m

Markerdata

| f/MHz | ZT/(mOhm/m), as(150)/dB | f/MHz | ZT/(mOhm/m), as(150)/dB |
|--------|-------------------------|---------|-------------------------|
| 5.00 | 2.14 | 200.00 | -117 |
| 10.00 | 0.582 | 500.00 | -109 |
| 30.00 | 0.422 | 650.00 | -113 |
| 50.00 | 0.175 | 862.00 | -119 |
| 100.00 | -114 | 1000.00 | -108 |

Test diagram

