

SHIELD-KON® two-part screen connector

SHIELD-KON® two-part screen connector for connecting screened cables, inner sleeve GSB, outer sleeve GSC, reliable connection

Info

Consists of inner and outer sleeve



Rail



Interference signals

Benefits

A hard, stable inner sleeve absorbs the pressure and protects the conductor on the inside from mechanical stress
Hexagonal shaped crimping of the soft outer sleeve guarantees a perfect electrical and mechanical connection

Application range

For screen cables with a dielectric diameter from 1.1 to 9,4 mm (diameter after removing the screen)
Telecommunication
Railway applications

Technical Data

| | |
|------------------------|---|
| Classification ETIM 5: | ETIM 5.0 Class-ID: EC002650 ETIM 5.0 Class-Description: Connection for screened wires |
| Classification ETIM 6: | ETIM 6.0 Class-ID: EC002650 ETIM 6.0 Class-Description: Connection for screened wires |
| Material: | Bronze Galvanically galvanized |
| Temperature range: | Temperature shock test 100 cycles of temperature changes between -40 °C and +155 °C produced a negligible change in the contact resistance. |

Note

SHIELD-KON® is a registered trademark of ABB.
Photographs and graphics are not to scale and do not represent detailed images of the respective products.

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PN 0456 / 02_03.16

SHIELD-KON® two-part screen connector

Prices are net prices without VAT and surcharges. Sale to business customers only.

SHIELD-KON® two-part screen connector

| Article number | Article designation | Colour | Inner x outer sleeve Ø (mm) | Suitable crimp insert | Nest | Pieces / PU |
|----------------|---------------------|--------|-----------------------------|-----------------------|------|-------------|
| Inner sleeves | | | | | | |
| 61749430 | GSB 046 | silver | 1.17 x 1.9 | - | - | 100 |
| 61749440 | GSB 058 | yellow | 1.47 x 2.1 | - | - | 100 |
| 61749450 | GSB 063 | red | 1.6 x 2.23 | - | - | 100 |
| 61749460 | GSB 071 | green | 1.87 x 2.44 | - | - | 100 |
| 61749470 | GSB 080 | blue | 2 x 2.63 | - | - | 100 |
| 61749480 | GSB 090 | orange | 2.2 x 2.9 | - | - | 100 |
| 61749490 | GSB 096 | purple | 2.44 x 3.02 | - | - | 100 |
| 61749500 | GSB 101 | yellow | 2.56 x 3.16 | - | - | 100 |
| 61749510 | GSB 109 | red | 2.76 x 3.36 | - | - | 100 |
| 61749520 | GSB 115 | silver | 2.92 x 3.7 | - | - | 100 |
| 61749530 | GSB 124 | green | 3.14 x 3.68 | - | - | 100 |
| 61749540 | GSB 128 | silver | 3.25 x 3.86 | - | - | 100 |
| 61749550 | GSB 134 | orange | 3.4 x 4 | - | - | 100 |
| 61749560 | GSB 149 | blue | 3.78 x 4.54 | - | - | 100 |
| 61749570 | GSB 156 | red | 3.96 x 4.9 | - | - | 100 |
| 61749580 | GSB 165 | silver | 4.2 x 4.92 | - | - | 100 |
| 61749590 | GSB 175 | green | 4.44 x 5.46 | - | - | 100 |
| 61749600 | GSB 187 | yellow | 4.75 x 5.76 | - | - | 100 |
| 61749610 | GSB 194 | blue | 4.93 x 5.76 | - | - | 100 |
| 61749620 | GSB 205 | orange | 5.2 x 6.22 | - | - | 100 |
| 61749630 | GSB 219 | silver | 5.56 x 6.35 | - | - | 100 |
| 61749640 | GSB 225 | yellow | 5.71 x 6.5 | - | - | 100 |
| 61749650 | GSB 232 | red | 5.9 x 6.7 | - | - | 100 |
| 61749660 | GSB 250 | green | 6.35 x 7.14 | - | - | 100 |
| 61749670 | GSB 261 | blue | 6.63 x 7.54 | - | - | 100 |
| 61749680 | GSB 266 | silver | 6.75 x 7.54 | - | - | 100 |
| 61749690 | GSB 275 | orange | 6.98 x 7.77 | - | - | 100 |
| 61749700 | GSB 281 | yellow | 7.14 x 8.4 | - | - | 100 |
| 61749710 | GSB 287 | silver | 7.29 x 8.3 | - | - | 100 |
| 61749720 | GSB 297 | red | 7.54 x 8.5 | - | - | 100 |
| 61749730 | GSB 312 | purple | 7.92 x 9.2 | - | - | 100 |
| 61749740 | GSB 348 | orange | 8.84 x 10.2 | - | - | 100 |
| 61749750 | GSB 375 | blue | 9.52 x 10.3 | - | - | 100 |

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|----------------|---------------------|--------|-----------------------------|-----------------------|------|-------------|
| Outer sleeves | | | | | | |
| 61749810 | GSC 101 | silver | 2.56 x 3.16 | PEW 12.1425 SK | 19 | 100 |
| 61749820 | GSC 128 | blue | 3.25 x 3.86 | PEW 12.1425 SK | 00 | 100 |
| 61749830 | GSC 149 | purple | 3.78 x 4.54 | PEW 12.1425 SK | 01 | 100 |
| 61749840 | GSC 156 | yellow | 3.96 x 4.9 | PEW 12.1425 SK | 02 | 100 |
| 61749850 | GSC 175 | blue | 4.4 x 5.46 | PEW 12.1425 SK | 03 | 100 |
| 61749860 | GSC 187 | orange | 4.75 x 5.76 | PEW 12.1426 SK | 6 | 100 |
| 61749870 | GSC 194 | red | 4.93 x 5.79 | PEW 12.1426 SK | 6 | 100 |
| 61749880 | GSC 199 | silver | 5.05 x 5.97 | PEW 12.1426 SK | 6 | 100 |
| 61749890 | GSC 205 | yellow | 5.2 x 6.22 | PEW 12.1426 SK | 8 | 100 |
| 61749900 | GSC 219 | green | 5.56 x 6.35 | PEW 12.1426 SK | 8 | 100 |
| 61749910 | GSC 225 | purple | 5.71 x 6.5 | PEW 12.1426 SK | 9 | 100 |
| 61749920 | GSC 232 | orange | 5.9 x 6.7 | PEW 12.1426 SK | 10 | 100 |
| 61749930 | GSC 261 | yellow | 6.63 x 7.54 | PEW 12.1427 SK | 11 | 100 |
| 61749940 | GSC 275 | silver | 6.98 x 7.77 | PEW 12.1427 SK | 12 | 100 |
| 61749950 | GSC 281 | purple | 7.14 x 8.4 | PEW 12.1427 SK | 14 | 100 |
| 61749960 | GSC 287 | blue | 7.29 x 8.3 | PEW 12.1427 SK | 14 | 100 |
| 61749970 | GSC 297 | green | 7.54 x 8.5 | PEW 12.1427 SK | 14 | 100 |
| 61749980 | GSC 312 | yellow | 7.95 x 9.2 | PEW 12.1428 SK | 15 | 100 |
| 61749990 | GSC 327 | silver | 8.3 x 9.45 | PEW 12.1428 SK | 16 | 100 |
| 61750000 | GSC 348 | orange | 8.84 x 9.98 | PEW 12.1428 SK | 17 | 100 |
| 61750010 | GSC 359 | purple | 9.12 x 10.13 | PEW 12.1429 SK | 50 | 100 |
| 61750020 | GSC 375 | yellow | 9.52 x 10.3 | PEW 12.1429 SK | 51 | 100 |
| 61750030 | GSC 405 | red | 10.28 x 11.5 | PEW 12.1430 SK | 52 | 100 |
| 61750040 | GSC 415 | blue | 10.54 x 11.76 | PEW 12.1430 SK | 52 | 100 |
| 61750050 | GSC 425 | silver | 10.8 x 12.06 | PEW 12.1430 SK | 54 | 100 |
| 61750060 | GSC 460 | silver | 11.68 x 12.95 | PEW 12S.1440 SK | 56 | 100 |
| 61750070 | GSC 500 | green | 12.7 x 14.6 | PEW 12S.1440 SK | 57 | 100 |

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