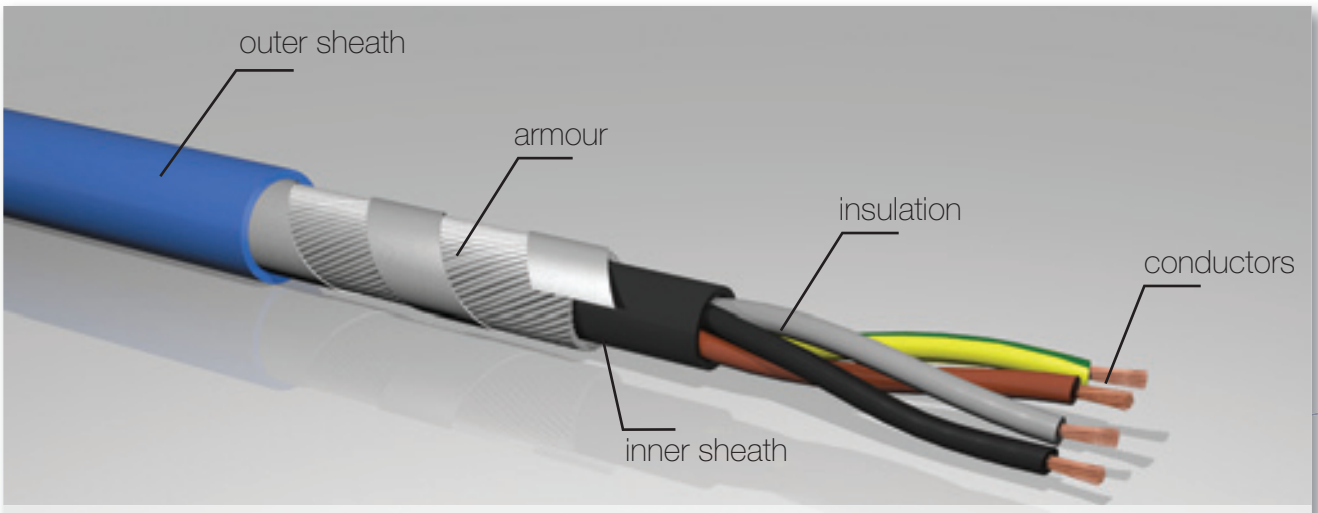
CABLES WITH STEEL WIRES AND STEEL TAPE ARMOUR

CEI STANDARD



UNEL: FR2ORFR - **BS**: CU/PVC/PVC/SWA/PVC - **VDE**: YYRY

SPECIFICATIONS: in accordance with CEI 20-14

CONDUCTORS:
Solid (class 1), Stranded (class 2), Flexible (class 5) copper wires according to CEI 20-29 (Table 8).

INSULATION:
R2 type PVC, according to CEI 20-11.

CORES IDENTIFICATION BY COLOURS:
Colours coded in accordance with UNEL 00722. (Table1)
Inner sheath: PVC inner sheath.

ARMOUR:
Mild galvanized steel wires wrapped in steel tape.

OUTER SHEATH:
Rz type PVC, according to CEI 20-11. Sheath colour: Blue RAL 5015.

FIRE CHARACTERISTICS:
Flame retardant acc. to CEI 20-22/II. IEC 60332,3 Cat. A

ELECTRIC RESISTANCE:
According to CEI 20-29 (Table 9).

INSULATION RESISTANCE:
≥100MΩ km.

VOLTAGE RATING:
600/1000V max. 1200V.

TESTING VOLTAGE:
4000V a.c.

OPERATING TEMPERATURE:
-30 °C up to +70 °C.

MINIMUM BENDING RADIUS:
Cable outer diameter x 8.

APPLICATIONS
These armoured control and signal cables are utilized in industrial areas for installations provided with electronic control or monitoring equipment, expecially when a high mechanical resistance is required.

ON REQUEST
Oil and petrol resistant outer sheath.
Cables twisted and screened by pairs.
Halogen-free materials.Fire resistant cables.
Core colours on request.

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TYPE number of cores x cross section n x mm²	OUTER DIAMETER Ø mm	AVERAGE WEIGHT kg x km
2 x 1,5	12,9	288
3G x 1,5	13,4	315
4G x 1,5	14,6	383
5G x 1,5	15,5	462
7G x 1,5	16,5	507
10G x 1,5	20,2	674
12G x 1,5	21,0	724
16G x 1,5	22,7	894
19G x 1,5	24,1	1116
24G x 1,5	26,7	1195
30G x 1,5	28,6	1460
36G x 1,5	30,9	1719
48G x 1,5	35,2	2222
2 x 2,5	14,7	356
3G x 2,5	15,3	399
4G x 2,5	16,3	472
5G x 2,5	17,4	567
7G x 2,5	19,4	650
10G x 2,5	22,9	913
12G x 2,5	24,3	963
16G x 2,5	26,4	1211
19G x 2,5	27,6	1476
24G x 2,5	31,1	1748
30G x 2,5	34,1	2162
36G x 2,5	35,2	2568
2 x 4	16,1	473
3G x 4	16,8	523
4G x 4	18,0	595
5G x 4	19,7	684
7G x 4	21,5	819
10G x 4	26,0	1131
12G x 4	27,2	1331
16G x 4	30,7	1792
19G x 4	32,1	2085

TYPE number of cores x cross section n x mm²	OUTER DIAMETER Ø mm	AVERAGE WEIGHT kg x km
2 x 6	17,3	580
3G x 6	18,1	631
4G x 6	20,2	754
5G x 6	21,7	923
7G x 6	23,3	1117
10G x 6	28,4	1704
12G x 6	30,1	1953
16G x 6	32,9	2487
2 x 10	20,5	824
3G x 10	21,5	948
4G x 10	23,1	1116
5G x 10	25,4	1387
2 x 16	23,1	1274
3G x 16	24,2	1480
4G x 16	26,2	1733
2 x 25	26,5	1612
3G x 25	27,9	2146
4G x 25	30,7	2543

Max cable construction 4x240 mmq
G is for: with green/yellow (in earth) core