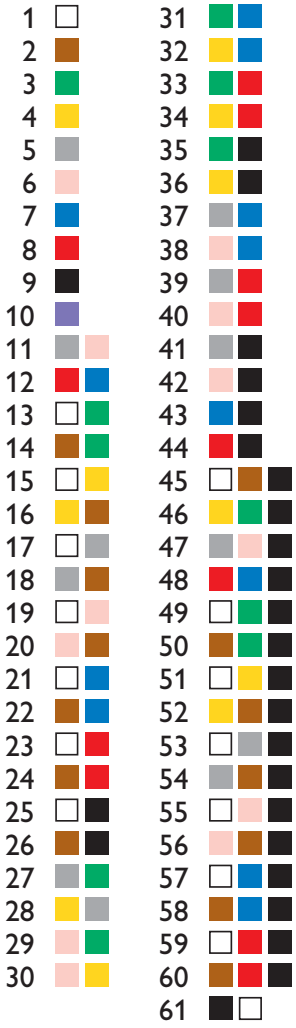
Colour codes

DIN 47100 for LiYY and LiYCY data cables. Conductor no. and colour:



Cable coding

The Swedish Standard for cable marking is set out in SEN 241701 and a common international standard has been formulated in CENELEC. The cable is marked with two to five letters that stand for:

1st letter
A *copper, single-wire*
B *copper, multi-conductor*
K *coaxial tube*
M *copper, multi-strand*
R *copper, extra multi-strand*
S *copper, fine-gauge*
T *copper, extra fine-gauge*

2nd letter
D *rubber, outer rubber tube*
E *ethylene-propylene rubber*
F *fluorocarbon rubber*
H *silicone rubber*
I *polyurethane*
K *PVC*
L *polythene plastic*
M *polypropylene plastic*
N *polyamide*
T *polytetrafluoroethylene (PTFE)*
U *cellular polythene plastic*
V *rubber, without rubber covering*

2nd and 3rd letters
O *oil- and weather-resistant rubber (chloroprene rubber)*
S *chlorosulphonated polyethylene*

3rd letter
C *concentric copper conductor*
H *heat resistant braided fabric*
I *polyurethane*
J *armoured with steel band*
K *PVC sheath with round cross-section*
L *polythene plastic*
N *polyamide*
T *galvanized steel wire armour*
U *without covering*
V *rubber*
Y *covered by a single insulation and sheath*

3rd and 4th letters
A *aluminium band shielding*
F *metal screened cable*
P *galvanized steel wire armour*

4th letter
B *connection or cable for vehicles*
D *sheath with embedded reinforcement and loose conductors*
H *insulated conductors, cabling around reinforcement*
K *PVC sheath*
L *PE sheath*
N *PA sheath*
O *oil- and weather-resistant rubber sheath (chloroprene rubber)*
T *heavy connection line*
V *cable to be laid in water*

5th letter
H *separately shielded conductors*
K *PVC sheath*
L *PE sheath*
N *PA sheath*
P *separately sheathed pairs*

4th and 5th letters
C *cable with reinforcement embedded in sheath*
E *reinforced design*
J *cable which may be laid in the ground or steel band armour with metallic coating*
R *control or signal cable*
X *PSTN line*
Y *weather-resistant PSTN line*