1. Basic type

A  Outdoor cable
A  Authorised National
AB  Outdoor cable with lighting protection
AD  Outdoor cable with differential protection
AJ  Outdoor cable with induction protection
ASH  Self-supporting Communication cables for high voltage overhead lines
FL  Flat cable
G  Mining cable
GJ  Mining cable with induction protection
H  Harmonized type
M  Plastic-sheathed cable
N  VDE standard
(N)  In adapted to VDE standard
RAGL-  Compensating cable for thermocoupling?
RD  Rhenomeric cable
RE  Computer cable
RG  Coaxial Cable according to MIL specification
RS  Computer Switchboard cable
S  Signal cable for German Railway
S-  Switchboard cable
SL  Flexible sheathed cable
T  Rear-out cable
Z  Twin cable

2. Additional information

J  Cable with green-yellow ground conductor
J2  Cable with green-yellow ground conductor with numbering
O  Cable without green-yellow ground conductor
O2  Cable without green-yellow ground conductor with numbering

3. Insulation & Sheath Material

G  Rubber (N&R) or (SBR)
2G  Silicone Rubber (SR)
3G  Ethylene Propylene Rubber (EPR)
4G  Ethylene Vinylacetate Rubber (EVA)
5G  Chloroprene Rubber (CR)
6G  Chlorosulfonated PE (CSM), Hypalon
7G  Fluorocarbon
8G  Nitrile Rubber (NBR)
9G  PE-C Rubber (CE)
33G  CM, Chlorinated Polyethylene
H  Halogen-free flame retardant compound
HX  Cross-linked, halogen-free compound
O2Y  Foam, PE, (cellular, PE)
X  Polyvinylchloride (X-PVC)
XP  Cross-linked Polyethylene (X-PE)
2X  Cross-linked Polyethylene
7X  Cross-linked Ethylene-tetrafluorethylene (X-ETFE)
10X  Cross-linked Polyvinylidenfluoride (X-PVDF)
1Y  PVC, Polyvinylchloride
Yu  PVC, Polyvinylchloride, flame-retardant
Y  PVC, Polyvinylchloride, with reinforced sheath
Yw  Equipment wires with binned conductor
YW  PVC, Polyvinylchloride, heat resistant up to 90 C
2Y  Polyethylene (PE)
2YR  Polyethylene, reinforced sheath
02Y  Cellulose or Foam Polyethylene
02YS  Cellulose Polyethylene with outer PE-skin or Foam Skin
2YHO  Air-spaced polyethylene
3Y  Polystyrene (PS), Styrfolex
4Y  Polyamide (PA)
5Y  Polytetrafluorethylene (PTFE), Teflon®
5YX  Perfluoralkoxy (PFA)
6Y  Perfluoropolyethylene-Propylene (FEP), Teflon®
7Y  Ethylene-tetrafluorethylene (ETFE)®
8Y  Polyimid(P)
9Y  Polypropylene (PP)
10Y  PVDF, Polyvinylidene Fluoride
11Y  Polyurethane (PUR)
13Y  TPE-EE, TPE on base of Polyester-Ester
31Y  TPE-S, TPE on base of Polystyrol
41Y  TPE-A, TPE on base of Polyamide
51Y  PFA, Perfluor-Alkylalkane
71Y  ECTFE, Monochiorotrifluorethylene
91Y  TPE-O, TPE on base of Polyester-Ester

4. Make-up Features

B  Armouring
B  Reinforcement
C  Timed copper braid shield
F  Petroleum jelly filling
K  Copper strip screen
L  Corrugated aluminium sheath
LJ  Laminated sheath Al-tape and PVC-jacket
LJ2Y  Laminated sheath Al-tape and PE-jacket
M  Lead sheath
MZ  Special lead sheath
M5  Magnetic shield
S  Static shield (aluminum/polyester tape)
W  Corrugated steel sheath
Z  Corrugated steel wire braid

5. Conductor Type

Re  Round, single wire conductor
Rm  Round, multiwire conductor
Staku  Copper clad steel wires
Staku-Li  Copper clad steel stranded wires

6. Stranding element

PC  Pairs shielded with copper braid
PMF  Pairs shielded with aluminum/polyester tape
St  Star Quad (Phantom)
StI  Star Quad (Trunk cable)
StIII  Star Quad (Local cable)
TIC  Triple Shielded with copper braid
TIMF  Triple shielded with aluminum/polyester tape

7. Type of Stranding

Bd  Twisted in layers
Lg  Twisted in units

8. Special Features

FR  Flame retardant
.T  Antithermic
O  Oil-resistant
NC  Non-corrosive