

Type designations

CAMUNACAM



Type designations for control cables and harmonised cables (excerpts)

Harmonised cables **Control cables Telecommunications cables** ____ x __ \square - \square \square \square \square \square \square \square 1 2 3 4 5 6 7 1 2 3 4 5 3 4 5 6 6 7 8 9 7 1 2 8 9 10 1. Basic type 1. Basic type 1. Basic type Harmonised type N VDE standard Outdoor cable Н Δ _ (N) or X in line with VDE National type G-Mining cable Installation cable 2. Insulating material 2. Nominal voltage Li Hose, flexible cable Jumper cable Thermoplastic resins 01 100/100 volts S-Cross-linked thermoplastic resins 03 300/300 volts 2. Additional designation G Elastomers 05 300/500 volts 07 450/750 volts В Lightning protection design HX Halogen-free materials Induction protection 3. Cable designation 3. Insulating material Electronics Core cable V PVC 3. Insulating material D Solid wire V2 PVC +90 °C Fine-wire core cable PVC flexible at cold temperatures PVC 11Y PUR V3 Socket core В Ethylene propylene rubber 2Y Polyethylene Fluorescent tube cable PE polyethylene 02Y Cellular PE 9Y PP Ε L ΙH Connecting cable, Χ XPE, cross-linked PE 5Y PTFF light mechanical loads R Rubber 6Y FFP Silicone rubber МН Connecting cable, 7Y ETFE moderate mechanical loads Ρ Paper 4. Outer/inner sheath material SH Connecting cable. heavy mechanical loads 4. Special features SSH Connecting cable for special loads PVC +90 °C F Petroleum jelly filling V2 Control cable/welding cable V3 PVC flexible at cold temperatures 1 Aluminium sheath Control cable S V5 PVC with enhanced oil resistance LD Corrugated aluminium sheath Light control cable LS R (L) Aluminium strip FI Flat cable Ν Chloroprene rubber (ST) Metal foil screening Si Silicone cable Q Polyurethane Copper strip screening (K) Twin cable Glass fibre braiding C Copper screen braiding Glass fibre GL Textile braiding (Z) Steel wire braiding Braided conductor as per VDE 0812 Ιi W Corrugated steel sheath LiF Braided conductor as per VDE 0812, 5 Special features M Lead sheath extra-fine wire Special lead sheath C4 Copper wire screen braiding Mz b Armouring Flat cable, divisible 4. Special features Jute sleeve + ground Flat cable, not divisible H2 Supporting element Ground layer + strip Flat cable, not divisible, Н6 Enhanced oil resistance for lifts 5. Sheathing П Flame-retardant Helical/spiral cable Heat-resistant, weather-resistant (see point 3. "Insulating material") Insulation retained for a limited time 6. Conductor type Screening braid 6. Number of elements Single-wire D Screening as Cu wire wrapping R Multi-wire ... number of stranding elements Steel wire braiding as mech. protection Fine-wire (fixed installation) Fine-wire (flexible installation) 7. Stranding element 5. Sheaths Н Extra-fine wire Single core As point 2. Tinsel wire Pair "Insulating material" P/PUR polyurethane D Fine-wire conductor for welding cable 8. Conductor diameter 6. Protective conductor Extra-fine wire conductor ... in mm for welding cable -O Without protective conductor With protective conductor -] 9. Stranding element 7. Number of cores F Star quad (railway) 7. Number of cores ... number of cores Star quad (phantom) ... number of cores Stl Star quad (trunk cable) 8. Protective conductor Still Star quad (local cable) 8. Conductor cross-section Without protective conductor TF Star quad for TF Figures in mm² G With protective conductor Signal cable (railway) PiMF Screened pair 9. Conductor cross-section 10. Stranding type Figures in mm² Twisted into layers Lg

EXAMPLE: NSHTÖU 24G 1.5

ÖLFLEX® CRANE NSHTÖU cable, 24-core, with protective cond., cross-section: 1.5 mm²

EXAMPLE: H05 VV-F 3G 1.5

Medium PVC hose, 3-core, with protective cond., cross-section: 1.5 mm²

EXAMPLE: A2Y(L)2Y 6 x 2 x 0.8 Bd

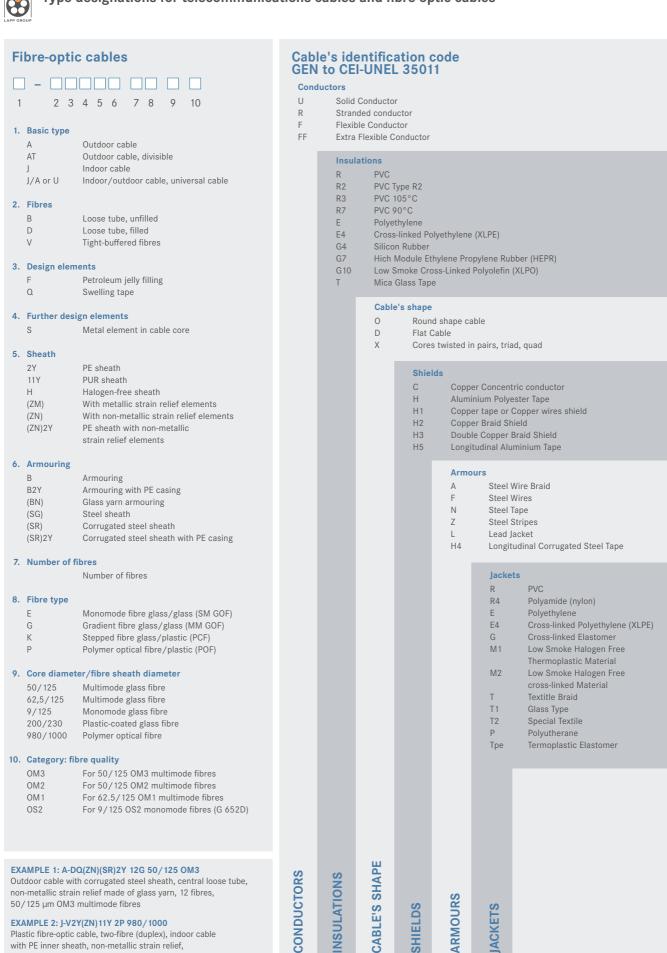
Telephone cable for local network with PE insulation and layered sheath

Twisted into bundles





Type designations for telecommunications cables and fibre-optic cables



Plastic fibre-optic cable, two-fibre (duplex), indoor cable with PE inner sheath, non-metallic strain relief,

PUR outer sheath