

"Decoding" Bell Product Codes for OSP Exchange Cables

Bell Exchange Cables are identified by an alphanumeric code. Each position identifies a cable characteristic. The following "key" will help you determine proper products for your customer. Typically the pair count is noted immediately after the cable code. This information is based on ICEA Publication P-61-694 and Bellcore SR-3253, Issue 1. When known, discontinued (obsolete) codes are included for historical reference. **If in doubt, ALWAYS ask for a product specification and supply a Product Bulletin of the product being quoted.**

For Example - ANMW-UM 600

- A = Product family or design
- N = Insulation type
- M = Conductor size
- W = Shielding
- UM = Additional outer protection - applied over the basic cable
- 600 = Number of pairs

First Position - Product Family or Design

- A Filled PIC, Riser PIC
- B Aircore PIC
- C High Potential Filled PIC
- D Ductpic or Steampeth
- K Internally Screened core
- L Low Capacitance Cable
- M Low Capacitance Cable w/ Internal Screen
- N PIC Limited color code
- Q Broadband
- T Terminating Cable (TIP) Tinned Copper conductors

OBSOLETE 1st Position DESIGNATIONS

- A Pulp Aircore
- C Pulp Insulated MUP
- G 80 C filling compound (AT&T manufactured between 1993 and 1994)

Second Position - Insulation Type

- B Polyolefin- PVC
- C Foam-Skin Insulation - Aircore
- E Foam- Aircore
- H Solid Polyolefin Insulation - Aircore (19 & 22 AWG)
- K Solid Polyolefin Insulation - Aircore (24 & 26 AWG)
- M Solid Insulation w/ 80 C filling compound
- N Foam-Skin Insulation w/ 80 C filling compound
- R Expanded Polyolefin/PVC Skin

OBSOLETE 2nd Position DESIGNATIONS

- F Foam-Skin design with 65 C filling compound
- G Solid Polyolefin design with 65 C filling compound
- J Solid Polyolefin design with petroleum jelly filling compound
- L Foam-Skin design with petroleum jelly filling compound

Third Position - Copper Conductor Size

- A 22 AWG
- B 19 AWG
- H 16 AWG
- M 24 AWG
- T 26 AWG
- W 28 AWG

OBSOLETE 3rd Position DESIGNATIONS

- C 17 AWG Aluminum
- D 20 AWG Aluminum
- F 22 AWG Aluminum
- J 13 AWG Copper
- K 24 AWG Aluminum
- R 25 AWG Copper

Fourth Position - Shield/ jacket type

- | | | |
|-----|-------------------------|---|
| • A | ALPETH | Bare Aluminum Shield |
| • B | CUPETH | Copper Shield |
| • C | ALPETH | Coated Aluminum Shield |
| • D | ASP | Coated Metallic Tapes |
| • G | PAP | Aluminum shield, Double Jacket |
| • H | PASP | Aluminum + Steel shields, Double Jacket |
| • Q | | Gopher Resistant - copper shield |
| • M | ALVYN | Coated Aluminum, PVC Jacket |
| • P | Reinforced Self-support | Fig 8 cable with Alum + Steel Shielding |
| • S | Self-Support | Fig 8 cable with Alum Shielding |
| • N | Bonded ASP | Aluminum + Steel shields, MDPE Jacket |
| • W | Filled ASP | Aluminum + Steel shields, LLDPE Jacket |
| • Y | Filled Bonded ASP | Aluminum + Steel shields, LLDPE Jacket |
| • Z | Aircore Bonded ASP | Aluminum + Steel shields, LLDPE Jacket |

OBSOLETE 4th Position DESIGNATIONS

- B Double jacket STEAMPETH
- E Lead w/ Poly Jacket
- F LEPETH w/ Poly Jacket
- J TOLPETH J
- K TOLPETH K
- L Lead
- N STALVYN
- R ARPETH
- T ARPAP
- U ARPASP

Outer Protection Codes

- UM Unsoldered Mechanical Protection
- SA Submarine - Single Wire Armor
- DA Submarine – Double Wire Armor

OBSOLETE Outer Protection DESIGNATIONS

- AT Aerial Tape Armor
- BT Burial Tape Armor
- MP Gopher Protection
- LA Light Wire Armor
- GT Gopher Armor
- MG Modified Gopher Armor
- JP Jute
- CP Corrosion Protection
- MT Modified Tape Armor
- TP Thermoplastic
- GTP Gopher & Thermoplastic
- TCP Thermoplastic Copper
- RP Rubber Protection
- LJ Light Wire Armor-Jacketed
- SJ Single Wire Armor- Jacketed
- DJ Double Wire Armor- Jacketed