

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 When known, discontinued (obsolete) codes are included for historical reference.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 Superior Essex catalog page of the product being quoted.

Example Product Code: ANMW-UM 600

| | |
|-----|------------------------------------------------------------|
| A | Product family or design |
| N | Insulation type |
| M | Copper conductor size |
| W | Shield/Jacket type |
| UM | Additional outer protection - applied over the basic cable |
| 600 | Number of pairs |

First Position Designations

| 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 with Internal Screen |
| N | PIC Limited color code |
| Q | Broadband |
| T | Terminating Cable (TIP) Tinned Copper conductors |

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

Second Position Designations

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

| Obsolete 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 Designations

Copper Conductor Size

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

Obsolete 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 Designations

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 and Steel Shields, Double Jacket |
| Q | Gopher Resistant Copper Shield |
| M | ALVYN Coated Aluminum, PVC Jacket |
| P | Reinforced Self-Support Figure 8, Aluminum and Steel Shields |
| S | Self-Support Figure 8, Aluminum Shield |
| N | Bonded ASP Aluminum and Steel Shields, MDPE Jacket |
| W | Filled ASP Aluminum and Steel Shields, LLDPE Jacket |
| Y | Filled Bonded ASP Aluminum and Steel Shields, LLDPE Jacket |
| Z | Aircore Bonded ASP Aluminum and Steel Shields, LLDPE Jacket |

Obsolete Designations

| | |
|---|--------------------------|
| B | STEAMPETH Double Jacket |
| E | Lead Shield, Poly Jacket |
| F | LEPETH, Poly Jacket |
| J | TOLPETH J |
| K | TOLPETH K |
| L | Lead Shield |
| N | STALVYN |
| R | ARPETH |
| T | ARPAP |
| U | ARPASP |

Additional Designations

Outer Protection

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

Obsolete 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 and Thermoplastic |
| TCP | Thermoplastic Copper |
| RP | Rubber Protection |
| LJ | Light Wire Armor, Jacketed |
| SJ | Single Wire Armor, Jacketed |
| DJ | Double Wire Armor, Jacketed |