

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 When known, discontinued (obsolete) codes are included for historical reference.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