

**SINGLE JACKETED BURIED SERVICE WIRE  
BELL TYPE C SERVICE**

**PRODUCT CONSTRUCTION:**

• **Conductors:**  
22 AWG solid annealed copper

• **Insulation:**  
High Density Polyethylene

• **Pairing:**  
Varying pair lays

• **Color Code:**

PAIR #	TIP	RING
1	White/Blue	Blue
2	White/Orange	Orange
3	White/Green	Green
4	White/Brown	Brown
5	White/Slate	Slate
6	Red	Blue/Red

• **Core filling:**  
80°C filling and flooding compounds

• **Core Wrap:**  
Polyester tape

• **Shield:**  
4 mil corrugated commercial bronze or copper-clad steel tape.

• **Rip Cord:**  
Under the jacket

• **Jacket:**  
Black Linear Low Density Polyethylene

**APPLICATION:**

Buried Service Wires are used for direct buried subscriber service drops.

**COMPLIANCE:**

Bellcore TR-NWT-000124

**PACKAGING:**

Standard coils or on non-returnable plywood reels in lengths as shown above. Non-standard packaging is available upon request.

Pairs/ Gauge	Part Number	Net Weight #/1000 Feet	Nom. OD Inches	Length Feet
3/22	2095088	53	0.30	500 Coil
3/22	2095160	53	0.30	1200 Reel
3/22	2095084	53	0.30	3000 Reel
3/22	2095086	53	0.30	5000 Reel
3/22	2095087	53	0.30	8000 Reel
6/22	2095081	81	0.37	500 Coil
6/22	2095161	81	0.37	800 Reel
6/22	2095082	81	0.37	900 Reel
6/22	2095098	81	0.37	3000 Reel
6/22	2095099	81	0.37	5000 Reel

**ELECTRICAL CHARACTERISTICS:**

**22 AWG**

**DC Conductor Resistance: [max]**

- Ohms/1000 Ft @ 20°C 17.2

**DC Resistance Unbalance: [max]**

- Individual Pair Percent 5.0

**1 kHz Mutual Capacitance:**

- Average 83 ± 7 nF/mile  
- Maximum Individual 94 nF/mile

**1 kHz Capacitance Unbalance: [max]**

- Pair-to-Pair 80 pF/1000 ft  
- Pair-to-Ground 800 pF/1000 ft

**Attenuation at 772 KHz: [max. avg.]**

- dB/1000 ft. 4.4

**Dielectric strength: [kV DC]**

- Conductor to conductor 5.0  
- Conductor to shield 15

**Output-to-output FEXT at 150 kHz: [min.]**

- Individual – dB/1000 ft. 63

**Input-to-input NEXT at 772 kHz: [min.]**

- Individual – dB 48