GOPHER RESISTANT DOUBLE JACKETED BURIED SERVICE WIRE

Pairs/ Gauge	Part Number	Net Weight #/1000 Ft	Nom. OD Inches	Length (Feet)
2/22	2095061	57	0.32	2500
2/22	2095002	57	0.32	5000
2/22	2095118	57	0.32	-
3/22	2095151	65	0.34	1000
3/22	2095064	65	0.34	2500
3/22	2095016	65	0.34	5000
3/22	2096103	65	0.34	5000
3/22	2095119	65	0.34	-
6/22	2095150	93	0.40	1000
6/22	2096119	93	0.40	300
6/22	2096100	93	0.40	1000
6/22	2096101	93	0.40	2000
6/22	2096102	93	0.40	2500
6/22	2095065	93	0.40	2500
6/22	2095063	93	0.40	5000
6/22	2095120	93	0.40	-
3/24	2095067	55	0.31	2500
3/24	2096117	55	0.31	2500
3/24	2095066	55	0.31	5000
3/24	2095122	55	0.31	-
6/24	2095068	74	0.36	2500
6/24	2096118	74	0.36	2500
6/24	2095069	74	0.36	5000
6/24	2095123	74	0.36	-

APPLICATION

-These wires are intended for use in buried service application to subscribers in isolated rural ireas. The shield material provides resistane to gopher damage.

TEMPERATURE RATING

-Storage and operation temperature range
  -45°C to 80°C-> -49°F to 176°F
-Installation temperature range
  -30°C to 60°C-> -22°F to 140°F

COMPLIANCE

-ICEA S-86-634
-RUS 7 CFR 17555.860 (REA PE-86) for 2 and 3 pair construction

PACKAGING

-Standard coils or on non-returnable plywood reels in lengths as shown above

Data subject to change without notice.
Contact your Customer Service Representative for latest information.

RoHS Compliant Effective 1/1/10

PRODUCT CONSTRUCTION

Conductors
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

PRODUCT CONSTRUCTION

Core Filling
80˚C filling and flooding compounds
Inner Jacket
Black Linear Low Density Polyethylene
Shield
5 mil corrugated copper-clad alloy steel tape or copper-clad steel
Rip Cord
Under the outer jacket
Outer Jacket
Black Linear Low Density Polyethylene

ELECTRICAL CHARACTERISTICS

	22 AWG	24 AWG
DC Conductor Resistance: [max.] Ohms/mile. @ 20˚C	91.0	144.0
DC Resistance Unbalance: [max.] Individual Pair Percent	5.0	5.0
1 kHz Mutual Capacitance: [max.] Average Max. of any pair	83±7 nF/mile 94 nF/mile	
1 kHz Capacitance Unbalance:[max] Pair-to-Pair Pair-to-Ground	80 pF/kft 800 pF/kft	
Attenuation at: [max avg] 150 kHz dB/kft 772 kHz dB/kft	 2.07 4.4	 2.65 5.5
Dielectric Strength: [kV DC] Conductor-to-conductor Conductor-to-shield	 5.0 20	 4.0 20
150 kHz Output-to-Output FEXT: [min.] Individual dB/kft	63.0	
772 kHz Output-to-Output NEXT:[min.] Individual dB	44.0	

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