



GLASS SUPPORTED DROP WIRE – 2 PAIRS

Product Number	Weight (Lbs/Kft)	Length (Feet)	Packaging
2090008	40	750	Reelex
2090010	40	1000	Coil
2090012	40	750	Coil
2090021	40	500	Reel Saver

CORE CONSTRUCTION

Conductors		
22 AWG solid annealed copper		
Insulation		
Color-coded high density polyethylene		
Assembly		
2 twisted pairs and rip cord placed parallel between the glass strength members		
The two twisted pairs are color coded as follows:		
<u>Pair No.</u>	<u>Tip Conductor</u>	<u>Ring Conductor</u>
1	White/Blue	Blue
2	White/Orange	Orange
Jacket		
Black, flame retardant weather and abrasion resistant PVC compound extruded over core assembly		

APPLICATION(S)

- Self supporting drop wire intended for aerial service connection to the subscriber
- Compatible with "P" Clamp/Wedge type hardware
- Glass strength member is lightweight, easy to install
- No need for support wire grounding
- Not affected by salt air and corrosive

COMPLIANCE

- Telecordia (Bellcore) Specification GR-3163-CORE
- RDUP Bulletin 1753 F-204
- RoHS Compliant (effective 1/1/10)

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

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



PHYSICAL REQUIREMENTS

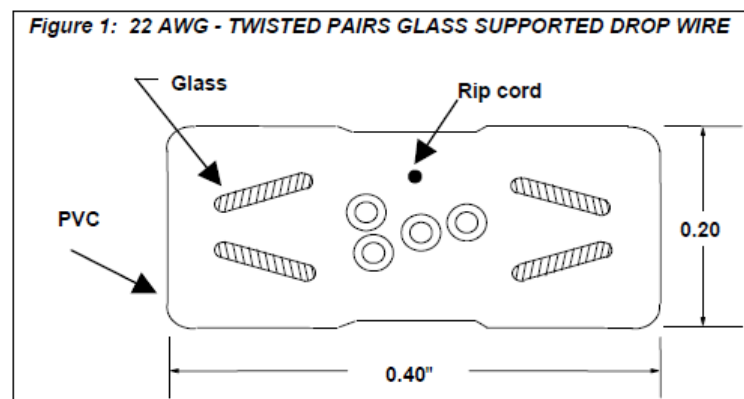
Cold Bend
After aging for 7 days at 100± 2°C a sample of completed wire and a 5/8 inch mandrel are conditioned at -30± 2°C for four hours. Immediately after conditioning, the sample is bent four close turns around the mandrel at a rate of approximately sixty turns per minute. The insulation and jacket must show no cracks when examined under normal vision.
Flammability
A sample of completed wire must be capable of passing the VW-1 Flame Test per UL-1581.
Static Load
A sample of completed wire is held with two wire clamps having a one foot minimum separation between the clamps and the wire. The wire is extended beyond each clamp approximately six inches. This assembly, after being subjected to a load of 365 pounds minimum for a period of twenty-four hours, must show no failures. After the Static Load Test the sample must withstand 10,000 VAC between conductor to conductor and conductor to clamps.

ELECTRICAL CHARACTERISTICS

DC Conductor Resistance: [max.] Ohms/mile @ 20°C	
Individual Conductor	91.0
DC Resistance Unbalance: [max.]	
Individual Pair Percent	5.0
Attenuation at 772 kHz: [max.] dB/kft @ 20°C	5.1
1 kHz Mutual Capacitance: [avg.]	
Nf/mile	83 ± 7
1 kHz Capacitance Unbal. [max.] pf/kft	
individual	80
Output to Output FEXT (min.) dB/Kft @ 150 KHz	
-Worst Pair Combination	63
Input to Input NEXT (min.): dB @ 772 KHz	
-Worst Pair Combination	48

PACKAGING

- Available in Pull-Pac™ cartons (PP), coils (CL), reels (RL) and reelsaver (RS)
- Glass Supported Drop Wire is supplied as specified in nominal lengths in Reelex payout boxes
- Boxes are shipped on pallets covered by stretch or shrink wrapping material.



Note: These telecommunications wire items have sequential markings

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