### Technical Data Sheet
**RG58/U Coaxial 50 Ohm - Plenum**

**PART NUMBER:** 25812  
**DESCRIPTION:** RG58/U – 1 Conductor 20 AWG 19x32 Tinned Copper, 95% Tinned copper braid and an overall Flexible Plenum Jacket.  
**NEC RATING:** CMP  
**APPROVALS:** (UL) C(UL) Listed  
**APPLICATION:** Indoor Plenum for: 50 Systems

#### Construction Parameters:
- **Conductor:** 20 AWG Bare Copper  
- **Stranding:** 19x32  
- **Insulation Material:** Foam FEP  
- **Insulation Thickness:** .102" Nom.  
- **Number of Conductors:** 1 Center Conductor  
- **Shield:** 95% Tinned Copper Braid  
- **Jacket Material:** Flexible Plenum  
- **Overall Cable Diameter:** 0.158" Nom.  
- **Approximate Cable Weight:** 17 Lbs/1M' Nom.  
- **Flame Rating:** NFPA 262 Plenum

#### Electrical & Environmental Properties:
- **Temperature Rating:** -40deg C to 75deg C  
- **Max. Capacitance Between Conductors @ 1 KHz:** 25 pf/ft Nom.  
- **Velocity of Propagation:** 82% Nom.  
- **Impedance:** 52 ohms Nom.  
- **DC Resistance per Conductor @ 20deg C:** 8.8 Ohms/1M' Nom.  
- **Jacket Color:** Ivory  
- **RoHS Compliant:** --  

#### Mechanical Properties:
- **Max. Recommended Pull Tension:** 40 lbs.  
- **Min. Bend Radius (Install):** 2.0"

#### Connectors and Accessories
- **50 Ohm 3 pc. BNC:** CN-BM53-25

**Specification Issue Date:** 10/11

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Standard Lengths are 1000ft.  
The Jacket is sequentially footmarked.  
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