

**Product Specifications for 2/C 20 AWG 120 Ohm Unshielded Twinaxial Cable**

**Description:** 2/C 20 AWG, Solid Polyethylene insulation, Paper Tape and FR-PVC jacket

**A. Construction:**

- 1.0 **Singles:** 20 AWG
  - 1.1 **Conductor:** 20 AWG (7/28) Bare Copper; OD: .038" Nom.
  - 1.2 **Insulation:** .021" Wall; Solid Polyethylene OD: .080" Nom.
  - 1.3 **Color Code:** Yellow & Green
- 2.0 **Assembly:** 2/C Cabled with a 2.5" L.H.L.
  - 2.1 **Fillers:** Fibrillated Fillers as needed for roundness
  - 2.2 **Tape:** Paper Tape
  - 2.3 **Jacket:** .032" Wall; Flexible SUN RES/OIL RES 105C FR-PVC; Color: Black  
OD: 0.227" Nom
- 3.0 **Marking:** Surface Printed:  
GENERAL CABLE (MA) – EO20P0014092 - 20 AWG 120 OHM TWINAX --- ROHS -- MADE IN USA AAAAA MO/YR XXXXXX FT

AAAAA = Lot Number  
MO/YR = DATE OF MANUFACTURE  
XXXXXX = SEQUENTIAL FOOTAGE MARKER EVERY TWO FEET



**B. Electrical & Mechanical Characteristics:**

- 1.0 **Conductor DCR:** 9.43 Ohm/kft Nom
- 2.0 **Capacitance:** 12.5 pF/ft Nom. / Mutual
- 3.0 **Impedance:** 120 Ohms Nom. ± 10%
- 4.0 **Velocity of propagation:** 66% Nom.
- 5.0 **Cable Bend Radius:** 1.00" min (5xdia)
- 6.0 **Oil Res I/II:** jacket compound

**C. Temp & Voltage Rating:** -40C to +75C / 300V Max

**D. Cable Weight:** 26.0 Pounds/Mft.

**E. Compliant:** ROHS Compliant

REV	DATE	CHANGE DETAIL			<b>General Cable</b> 20 Forge Park, Franklin, Ma 02038 Phone: 508-541-7100 Fax: 508-541-8122	
		RD3469				
F	10/28/16	Revised (F) to (MA) in print - AF				
E	12/19/14	Added Oil Res & Bend Radius / gt	Description:		2/C 20 AWG Un- Shielded 120 Ohm Twinaxial Cable	
D	04/23/14	Added Cabling Info.-DB	Drwg By			
C	04/15/14	Change to Yel & Green-DB/JP	Mktg Approval:			
B	04/11/14	Change to Unshielded type-DB	Final Approval:			
A	04/08/14	Preliminary Issue - DB	AF		PAGE 1 of 1	

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