26 AWG HDMI and DisplayPort Cables for El Ochito® Red

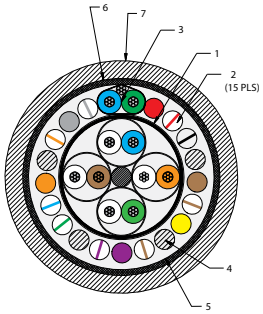
BULK CABLE

Aerospace Grade 26 AWG S/FTP, High-Speed Cable

Glenair Part Number	963-120-1 Duralectric Lite 963-120-2 Polyurethane LSZH 963-120-3 FEP Jacket

For use with El Ochito red contacts. S/FTP 26 AWG cable has foil shield around each data pair for reduced crosstalk and attenuation. High data rate cable jacket is available in 3 material types including Duralectric Lite, polyurethane and FEP. The high-density construction significantly reduces weight and diameter. Meets HDMI 2.0 and DisplayPort 1.2 up to 5 meters

Construction Details



1. HIGH SPEED CORE
   - A. **DATA PAIR (4X):** 100 ± 10 OHM (SHIELDED TWISTED PAIR)
     CONDUCTORS: 2X 26 AWG (7/34) SILVER PLATED COPPER ALLOY
     INSULATION: PFA
     PAIR SHIELD: ALUMINUM/POLYIMIDE TAPE FOIL SIDE OUT
   - B. **OUTER SHIELD:** 40 AWG SILVER PLATED COPPER BRAID, 90% MIN. COVERAGE
   - C. **OUTER JACKET:** PTFE TAPE .237 ± .007 O.D
   - D. **FILLER:** PTFE (.038") OD
2. 15X # 26 AWG M22759/11-26-X
3. DATA PAIR: 100 ±10 OHM SHILEDED TWISTED PAIR WITH PFA JACKET OVER THE PAIR SHIELD
   CONDUCTORS: 2X 26 AWG (7/34) SPCA
   COLORS: GREEN, BLUE
   INSULATION: PFA
   DRAIN WIRE: 26 AWG (7/34) SPC
   PAIR SHIELD: ALUMINUM/POLYIMIDE TAPE, FOIL SIDE IN
4. FIBERGLASS FILLER: PER MIL-Y-1140
5. OUTER SHIELD: 36 AWG, T/C, 90% MIN. COVERAGE
6. JACKET MATERIAL: PER PART NUMBER DEVELOPMENT

Specifications

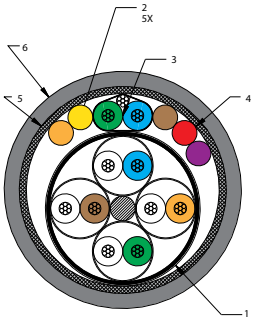
Jacket Material	963-120-1 Duralectric Light 963-120-2 Polyurethane LSZH 963-120-3 FEP	
Impedance (ohms)	100 ±10	
Temperature Rating	963-120-1 & -3: -65° to +200° C 963-120-2: -40° to +90° C	
Outer Diameter	**Part Number**	**Approx. Dia.**
	963-120-1	.404 (10.26)
	963-120-2	.372 (9.45)
	963-120-3	.350 (8.89)
Jacket Color	Black	

26 AWG S/FTP, HDMI and DisplayPort Cable

Glenair Part Number	963-127-1 Duralectric Lite 963-127-2 Polyurethane LSZH 963-127-3 FEP Jacket

For use with El Ochito red contacts. S/FTP 26 AWG cable has a foil shield around each data pair for reduced crosstalk and attenuation. High data rate cable jacket is available in 3 material types including Duralectric Lite, polyurethane LSZH and FEP. The high-density construction significantly reduces weight and diameter. Meets HDMI 2.0 and DisplayPort 1.2 up to 5 meters

Construction Details



1. HIGH SPEED CORE
   - A. **DATA PAIR (4X):** 100 ± 10 OHM (SHIELDED TWISTED PAIR)
     CONDUCTORS: 2X 26 AWG (7/34) SILVER PLATED COPPER ALLOY
     INSULATION: PFA, Ø.045
     PAIR SHIELD: ALUMINUM/POLYIMIDE TAPE FOIL SIDE OUT
   - B. **OUTER SHIELD:** 40 AWG SILVER PLATED COPPER BRAID, 90% MIN. COVERAGE
   - C. **OUTER JACKET:** PTFE TAPE .237 ± .007 O.D
   - D. **FILLER:** PTFE (.038") OD
2. 5X # 26 AWG (7/34) SILVER PLATED COPPER
3. DATA PAIR: 100 ±10 OHM SHIELDED TWISTED PAIR WITH PFA JACKET OVER THE PAIR SHIELD
   CONDUCTORS: 2X 26 AWG (7/24) SPCA
   INSULATION: PFA
   DRAIN WIRE: 26 AWG (7/34) SPC
   PAIR SHIELD: .0015 ALUMINUM/POLYIMIDE TAPE, FOIL SIDE IN
4. OUTER SHIELD: 36 AWG, T/C, 90% MIN. COV.
   JACKET MATERIAL: PER PART NO. DELEVOPMENT
   COLOR: BLACK

Specifications

Jacket Material	963-127-1 Duralectric 963-127-2 Polyurethane LSZH 963-127-3 FEP	
Impedance (ohms)	100 ±10	
Temperature Rating	963-127-1 and -3: -65° to +200° C 963-217-2: -40° to +90° C	
Outer Diameter	**Part Number**	**Approx. Dia.**
	963-127-1	.415 (10.54)
	963-127-2	.359 (9.12)
	963-127-3	.337 (8.56)
Jacket Color	Black	

© 2022 Glenair, Inc • 1211 Air Way, Glendale, CA 91201 • 818-247-6000 • www.glenair.com • U.S. CAGE code 06324 • El Ochito® Octaxial Contacts
Dimensions in Inches (millimeters) are subject to change without notice.