

# LUTRON® GRAFIK EYE / MASTER KEYPAD

7/5/08 REV 1.1

18 AWG 1P + 2C Stranded BC 300V



**PART NUMBER:** 182PLR-BLG

**DESCRIPTION:** 18 AWG 1 PAIR SHIELDED, STRANDED 7/26 BARE COPPER, TWISTED PAIR, ALUMINUM FOIL MYLAR SHIELD, PLUS 18 AWG 2 CONDUCTOR, STRANDED 7/26 BARE COPPER, UNSHIELDED, SEMI-RIGID PVC INSULATION, PVC JACKET, NYLON RIPCORD, 22 AWG 7/30 TINNED COPPER DRAIN, UL CL3

**PHYSICAL CHARACTERISTICS:**

**TEMPERATURE RATING:** -20°C TO +105°C  
**CONDUCTOR/PAIR COUNT:** 4 CONDUCTORS, 2 PAIRS  
**CONDUCTOR MATERIAL:** BARE COPPER  
**GAUGE & STRANDING:** 18 AWG 7/26  
**COLOR CODE:** BLACK, RED  
WHITE, GREEN SHIELDED WITH DRAIN  
**INSULATION MATERIAL & DIA.:** SEMI-RIGID PVC .015"  
**INSULATION THICKNESS:** 0.005  
**JACKET MATERIAL & THICKNESS:** PVC, .035" NOM.  
**JACKET COLOR:** ROYAL BLUE WITH GREEN STRIPE  
**RIPCORD:** NYLON  
**OUTSIDE DIAMETER:** .285" NOM.  
**FOOTAGE MARKERS:** ASCENDING/DESCENDING IN FEET  
**SHIELD:** ALUM FOIL MYLAR, MYLAR OUT, FOIL IN  
**DRAIN:** 22 AWG 7/30 TINNED COPPER  
**PACKAGING:** REELS  
**COPPER WEIGHT:** 23.4 LBS/1000'  
**SHIPPING WEIGHT:** 43 LBS/1000'

**ELECTRICAL CHARACTERISTICS:**

**MAX. OPERATING VOLTAGE:** 300 V RMS  
**NOM. CAPACITANCE:** 22 pf/FT  
**NOM. VELOCITY OF PROPAGATION:** 50.60%  
**NOM. IMPEDANCE:** 45.42 OHMS  
**NOM. CONDUCTOR OF DC RESISTANCE @ 20 DEG. C:** 6.24 OHMS/1000'

**UL CRITERIA:**

**UL TYPE OR STYLE:** CL3

**NOTES:**

1. Semi-tubed jacket with glossy finish.
2. Footage markers printed every two feet.
3. While Signature Wire Corp. has made every reasonable effort to ensure the accuracy of these specifications, information contained herein may be subject to error and omission and to change without notice. Signature Wire Corp. provides these specifications on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied.