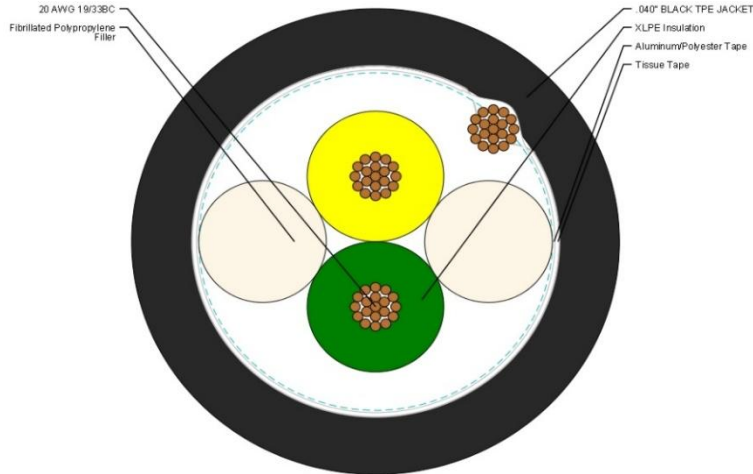


# DGC DATA GUIDE CABLE

## SPECIALTY & CUSTOM CABLES

Distributed by Lapp Tannehill, Inc  
800.633.6339  
Visit us on our website: [www.lapptannehill.com](http://www.lapptannehill.com)



### CANBUS: 2 CONDUCTOR 20 AWG XLPE-TPR O/A SHIELD WITH FILLER

### LISTING / AGENCY APPROVAL

RoHS

**COMPONENT A**  
**CONDUCTORS (2 total):**  
20 AWG 19/33 Bare Annealed Copper Insulated with .029" Nominal Wall of 125C XLPE to a Nominal O.D. of .091" +/- .001"

**COLORS:**  
YELLOW, GREEN

**FINAL CABLING:**  
2" Maximum Left Hand Direction Lay  
Tape Shield: Aluminum/Polyester Foil In 25% Overlap  
Drain: 20 AWG, 19/33 BC Under Tape Shield  
Filler: Fibrillated Polypropylene

**FINAL JACKET:**  
Tissue Separator Tape Pulled in Under Jacket  
Material: 125C TPR  
Color: BLACK  
Wall Thickness: .040"  
Finished Cable Diameter: .270" +/- .010"  
Surface Printed in White Ink: "DGC P/N 17L22-4 20/2 SHLD CANBUS 120 OHM -50C TO 125C SUN RES J1939/11"

**CABLE CHARACTERISTICS:**  
SAE J1939-11  
Meets Surface Transfer Impedance (Per SAE AS85485)  
Operating Temperature Range: -50C to +125C  
Impedance: 120 OHMS +/- 10%  
Max. Capacitance (Cond. - Cond.): 22.75pf/ft.  
Max. Capacitance (Cond. - Shield.): 33.5pf/ft.  
Sunlight Resistant

### REVISION HISTORY

0	12-18-17	WJD	FIRST ISSUE
1	2-13-18	WJD	ADJUST FINAL DIAMETER
2	4-24-18	WJD	ADD "SUN RES" TO LEGEND
3	10-2-18	WJD	UPDATE LOW END TEMP
4	5-29-20	MKL	REMOVE O/A TOLERANCE, FORMAT UPDATE
5	12-5-25	AJP	ADDED SAE AS85485

Customer Number	
D.G. Part Number	17L22-4
Prepared By:	MKL
Reviewed By:	AJP

**CUSTOMER APPROVAL (AS APPLICABLE)**

Title: \_\_\_\_\_

Date: \_\_\_\_\_