SPECIFICATION CONTROL DRAWING			2020D1301
		WG 20, 19 STRANDS OF AWG 32, ED SHIELD, TWINAXIAL CABLE	Date: 3-7-18 Revision: D
THIS SPECIFIC	CATION SHEET FORMS A PART	OF THE LATEST ISSUE OF RAYCHEM SI	
CONSTRUCTION DETAILS		ELECTRICAL CHARACTERISTICS	
DIMENSIONS ARE NOMINAL VALUES IN INCHES, UNLESS OTHERWISE DESIGNATED.		CHARACTERISTIC IMPEDANCE	120 ± 12 ohms, Method D at 1 MHz with shield grounded
		MUTUAL CAPACITANCE	10.5 pF/ft. (nominal)
.0400			75% (nominal)
	CONDUCTORS AWG 20, 19 Strands of AWG 32, Tin-Coated Copper	SURFACE TRANSFER IMPEDANCE (per SAE AS85485)	225 milliohms/meter (maximum) at 0.1 to 1 MHz
		ADDITIONAL REQUIREMENTS	
.109	DIELECTRICS Rayfoam M Colors - Yellow/Green		
.070	FILLERS Polyolefin	ELECTRICAL CONDUCTOR RESISTANCE (prior to cabling)	9.53 ohms/1000 ft. (nominal)
		INSULATION RESISTANCE	10,000 megohms (minimum) for 1000
		JACKET FLAWS SPARK TEST IMPULSE TEST	1.0 kV (rms) 6.0 kV (peak)
		VOLTAGE WITHSTAND (DIELECTRIC)	1000 volts (rms) (minimum)
.235	AWG 38, Tin-Coated Copper,		
	Optimized	FLAMMABILITY	Method C
		HEAT SHOCK	225°C
		LOW TEMPERATURE-COLD BEND	-55°C/8.00 inch mandrel
		VOLTAGE WITHSTAND (Post Environmental)	1000 volts (rms), 1 minute
.295	_ JACKET Thermorad F	PHYSICAL	
		INSULATION (DIELECTRIC) (prior to cabling) ELONGATION TENSILE STRENGTH	100% (minimum) 1000 lbf/in² (minimum)
		JACKET ELONGATION TENSILE STRENGTH	200% (minimum) 2000 lbf/in² (minimum)
		JACKET THICKNESS	.030 inch (nominal)
Designate outer jacket color with a dash number in accordance with MIL-STD-681. Unless otherwise specified, outer jacket color will be black designated by a "-0" appended to the part number, (e.g. 2020D1301-0). Other codes and suffixes may be added to the part number, as necessary, to capture any additional requirements imposed by the purchase order.			
			41.6 lbs/1000 ft. (nominal)
		ENGINEERING REFERENCE	125°C (maximum)
Jsers should evaluate the suitability		I Specifications are subject to change without no mpliance with any specification, without notifica	
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501 Oak Redwoo	m Wire & Cable kside Avenue od City, California 94063-3800 1-800-522-6752 Fax: 1-650-361-6297	THIS SPECIFICATION SHEET TAKES PRECEDENCE REFERENCED DOCUMENTS SHALL BE OF THE ISS © 2013-2018 TE Connectivity	