



PHYSICAL

Conductors: 28 AWG 19/40 Tinned Copper
 Insulation: .010" PVC, Grey with Black Edge Mark
 Flex Life: 20+ Million Cycles ("Rolling" Flex Test, 5.5" Stroke with 1" Bend Radius)
 Temperature Rating: 105°C

ELECTRICAL

Impedance: 100 ohms
 Capacitance: 14 pF/ft @ 1 MHz
 Prop Delay: 1.4 ns/ft
 DC Res: 73.3 ohms/1000 ft Max.
 Current Rating: 1.3¹⁰A @ 10°C Rise Above Ambient
 Insulation Res: 10 ohms - 10 ft minimum
 Approvals: UL AWM and CSA AWM FT-1
 Print Legend: LL31941 CSA AWM I A 105°C 300V FT-1

Above Values measured in the Ground-Signal-Ground Mode

Dimensions in Inches unless otherwise noted.

Part Number	Count	A Span		B Span	
		Inches	mm	Inches	mm
191-2819-109	9	.450	11,43	.400 ±0.007	10,16 ±,18
191-2819-110	10	.500	12,70	.450 ±0.007	11,43 ±,18
191-2819-114	14	.700	17,78	.650 ±0.007	16,51 ±,18
191-2819-115	15	.750	19,05	.700 ±0.011	17,78 ±,28
191-2819-116	16	.800	20,32	.750 ±0.011	19,05 ±,28
191-2819-120	20	1.000	25,40	.950 ±0.011	24,13 ±,28
191-2819-122	22	1.100	27,94	1.050 ±0.011	26,67 ±,28
191-2819-124	24	1.200	30,48	1.150 ±0.011	29,21 ±,28
191-2819-126	26	1.300	33,02	1.250 ±0.011	31,75 ±,28
191-2819-134	34	1.700	43,18	1.650 ±0.011	41,91 ±,28
191-2819-136	36	1.800	45,72	1.750 ±0.015	44,45 ±,38
191-2819-137	37	1.850	46,99	1.800 ±0.015	45,72 ±,38
191-2819-140	40	2.000	50,80	1.950 ±0.015	49,53 ±,38
191-2819-150	50	2.500	63,50	2.450 ±0.015	62,23 ±,38
191-2819-160	60	3.000	76,20	2.950 ±0.015	74,93 ±,38
191-2819-164	64	3.200	81,28	3.150 ±0.015	80,01 ±,38

DRAWN	PROD ENG	QA	MKT	P/ECN#	DRAWING NO. 191-2819-1XX	AMPHENOL SPECTRA-STRIP 720 SHERMAN AVE TEL (203) 281-3200 HAMDEN CT 06514 FAX (203) 281-5872	Rev D
FITTS 4/18/00					TITLE: Spectra-Flex™ .050" High Flex Life Cable		SHEET 1 of 1