



## S5030T Non-Safety Related Plenum Breakout Cables

CableLAN Nuclear's S5030T series cables meet the flame test requirements of IEEE1682, IEEE1202, UL1666 and **NFPA 262**. The design complies with NRC Reg. Guide 1.131 and contains no PVC. These cables provide an extremely higher level of flame resistance and are used in installations where a plenum rating may be desired or required, and are available with up to 24 fibers.

### S5030T Part Number and Dimensions

Part Number	# Fibers	OD mm (in)	Weight kg/km (lbs/M)	Minimum Bend Radius		Pull Strength N (lbs.)
				Short Term cm (in)	Long Term cm (in)	
S5030T-02R-XXY	2	5.9 (0.23)	36 (24)	16.5 (6.5)	6.0 (2.4)	1200 (270)
S5030T-04-XXY	4	6.9 (0.27)	45 (30)	13.9 (5.5)	10.4 (4.1)	1200 (450)
S5030T-06-XXY	6	8.3 (0.33)	65 (44)	16.8 (6.6)	8.3 (3.3)	2727 (600)
S5030T-08-XXY	8	9.9 (0.39)	97 (65)	14.8 (5.8)	9.9 (3.9)	2727 (600)
S5030T-12-XXY	12	13.2 (0.52)	186 (125)	19.7 (7.8)	13.2 (5.2)	2727 (600)
S5030T-18-XXY	18	13.4 (0.53)	150 (101)	26.6 (10.6)	13.3 (5.3)	2727 (600)
S5030T-24-XXY	24	15.5 (0.61)	253 (170)	23.2 (9.2)	15.5 (6.1)	2727 (600)

All cables can contain any fiber type. Replace the "XXY" in the part number with the appropriate fiber code below:

Type	Class	Standard	Rad Hard	SuperRad Hard	Attenuation (dB/km)	Bandwidth (Mhz-km)
62.5/125	OM1	62X	62RH		3.5/1.5	200/500
50/125	OM2	OM2	50RH		3.5/1.5	550/550
50/125	OM3	OM3	OM3RH	50SRH	3.5/1.5	1000/550
50/125	OM4	OM4			3.5/1.5	3500/550
Singlemode	OS1	OS1	10RH	10SRH	0.4/0.3	
Singlemode	OS2	OS2			0.4/0.3	

Please contact CableLAN for other fiber types and cables containing combinations of fibers under one jacket.