

# Product information

## CTC ADSS

### Aerial Fibre-Optic Drop Cable; Sag & Tension Calculations

	NESC Light		NESC Medium		NESC Heavy	
	max 8	12	max 8	12	max 8	12
Fibre count	max 8	12	max 8	12	max 8	12
Installation Tension	448 N	477 N	232 N	258 N	130 N	148 N
Installed Sag	1%	1%	1%	1%	1%	1%
Max Span	110 m	100 m	57 m	54 m	32 m	31 m
Max Tension $T_M$	1350 N	1350 N	1350 N	1350 N	1350 N	1350 N
Max Sag	3,7%	3,5%	4,0%	3,9%	4,2%	4,1%
Cable & Fibre Strain	0,50%	0,48%	0,49%	0,47%	0,48%	0,46%
Fibre count	max 8	12	max 8	12	max 8	12
Installation Tension	267 N	286 N	131 N	148 N	73 N	82 N
Installed Sag	2%	2%	2%	2%	2%	2%
Max Span	131 m	120 m	64 m	62 m	36 m	34 m
Max Tension $T_M$	1350 N	1350 N	1350 N	1350 N	1350 N	1350 N
Max Sag	4,4%	4,3%	4,6%	4,5%	4,6%	4,5%
Cable & Fibre Strain	0,50%	0,48%	0,49%	0,48%	0,48%	0,46%
Fibre count	max 8	12	max 8	12	max 8	12
Installation Tension	203 N	220 N	98 N	111 N	54 N	62 N
Installed Sag	3%	3%	3%	3%	3%	3%
Max Span	149 m	137 m	72 m	69 m	40 m	38 m
Max Tension $T_M$	1350 N	1350 N	1350 N	1350 N	1350 N	1350 N
Max Sag	5,0%	4,9%	5,1%	5,1%	5,2%	5,1%
Cable & Fibre Strain	0,50%	0,48%	0,49%	0,47%	0,48%	0,46%

	units	NESC-Light	NESC-Medium	NESC-Heavy
wind velocity	m/s	26,5	17,7	17,7
	km/h	95	64	64
	mph	59	40	40
ce thickness	mm	0	6,5	12,5
	inch	0	0,25	0,50
additional load	kg/m	0,073	0,296	0,449
	lbs/ft	0,05	0,20	0,30
temperature	°C	-1	-10	-20
	°F	30	15	0