

## SECTION 4 - Security Cables and Connectors

### Table of cable run distances

The following table gives an indication of the lengths over which a particular co-axial cable can be run, without the need to use launch amplifiers, on a CCTV installation. This table is intended to be a guide and is given in good faith, based on our knowledge of the cables. We do not give a guarantee as to the accuracy of this table, due to factors outside our control and peculiar to each individual installation. The type of outer sheath, pvc, polyethylene or non-metallic armour is not stated as this has no effect on the results.

CABLE TYPE Ref. no.	ATTENUATION (dB/100 mtrs.)					RUN DISTANCE(mtrs.)	
	5MHz	10MHz	30MHz	50MHz	100MHz	6dB loss	9dB loss
RG 59 c/u	2.2	3.2	5.8	7.5	10.9	270	390
URM 70	2.3	4.7	8.2	10.6	15.2	250	380
CO-AX 12 PE	1.6	2.4	4.4	6.1	8.1	330	500
RG 6	1.8	2.4	3.7	4.4	6.1	330	500
CT 100 (or equivalent)	1.3	1.9	3.1	4.3	6.1	450	680
RG 11 a/u	1.2	2.0	3.6	4.7	6.9	490	740
CT 125 (or equivalent)	1.1	1.5	2.5	3.4	4.9	540	810
CT 167 (or equivalent)	0.8	1.1	1.9	2.6	3.7	740	1100
CT 233 (or equivalent)	0.6	0.8	1.4	1.9	2.7	990	1480

Further technical information, if required, can be obtained from our sales office on 01733-311592. Specification and test information supplied to order and for your export sales, Certificates of Conformity can be issued.