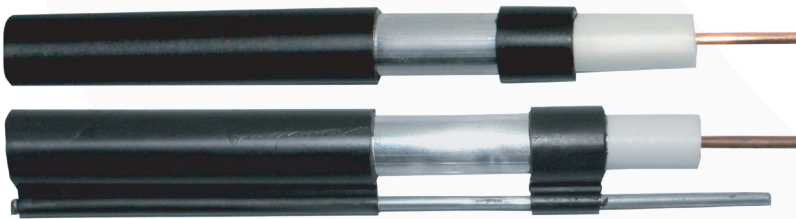


# 500 CABLE



## PHYSICAL DIMENSIONS

COMPONENT		500
CONDUCTOR	Material Dia. (mm)	CCA 2.77±0.02
DIELECTRIC	Material Dia. (mm)	FOAM PE 11.50±0.15
SHIELD	Material Coverage	Al Tube 12.20±0.10
JACKET	Material Dia. (mm)	PE 14.50±0.20
MESSENGER	Material Dia. (mm)	Galvanized Steel 2.77±0.01

## MECHANICAL CHARACTERISTICS

MINIMUM BREAKING STRENGTH OF MESSENGER	816kgf
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## ELECTRICAL CHARACTERISTICS

IMPEDANCE (Ω)	75±2
VELOCITY OF PROPAGATION	87%
CAPACITANCE(PF/M)	50
SHIELDING EFFECTIVENESS(≥DB)	100

## NOMINAL ATTENUATION [ @ 68° F. (20° C) ]

FREQUENCY (MHZ)	ATTENUATION (DB/100M)
55	1.77
211	3.58
300	4.07
400	5.02
500	5.67
600	6.27
750	7.09
865	7.68
1000	8.27