

# ARS 1/2 PE

## CELLFLEX CABLE 1/2"



Partnumber	Model
512105	CELLFLEX 1/2"

PARTS OF THE CABLE	MATERIAL	DIAMETER (MM)
Inner conductor	Copper-plated aluminum	4,8 ± 0,05
Dielectric	Expanded PE	12,2 ± 0,20
External conductor	Corrugated copper	13,8 ± 0,15
Cover	EVA flame retardant, halogen-free, and has low smoke emission (LSZH)	15,7 ± 0,20

MECHANICAL SPECIFICATIONS	
Minimum radius of curvature	125 mm
Operating temperature	-55 + 85°C

ELECTRICAL SPECIFICATIONS	
Impedance	50 ohms
Propagation speed	86 %
Capacitance	76 pF/m
Maximum DC voltage	6,0 kV

AMBIENT FREQUENCY (MHZ) = +20°C	ATTENUATION (DB/100M)
150	2,70
450	4,75
800	6,46
900	6,86
1800	10,10
2000	10,72
2200	11,25
2400	11,97
2500	12,13
2700	12,7
3000	13,41
3500	14,70
4000	15,80

