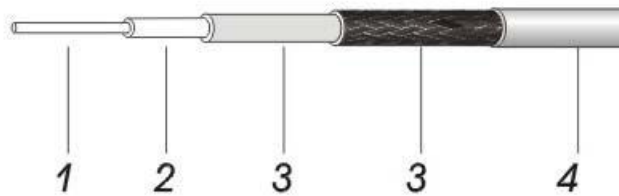


# Technical Specification

Radio frequency coaxial cable 5D-FB 50 OHMS series

AREM

5D-FB



## Cable Construction

No.	Material	Dimensions
Inner Conductor	Copper Clad Aluminum	1.80±0.02mm
Dielectric	PE(Foam PE)	4.85±0.15mm
Outer Conductor	Bonded Dual Al Foil +Tinned Copper braiding	87% Coverage (168*0.12)
Jacket	PE/LSZH	7.50±0.15mm

## Mechanical Characteristics

Tensile Strength	55 kg	Storage Temperature Range	-30~+70°C
Weight	40 kg/km, PE	Installation Temperature Range	-20~+60°C
Min Bend Radius	35mm	Operating Temperature Range	-30~+70°C

## Electrical Characteristics

Impedance	50±2Ω	Capacitance	80pF/m
Velocity	83%	Min.Dielectric resistance	5000MΩ.km
Inner/outer Conductor resistance )	11.0/15.6 Ω/km	Return loss 30~2800MHz	≥20.8 dB

## Attenuation

Frequency ( MHz )	Typical ( dB/100m )	Frequency ( MHz )	Typical ( dB/100m )
150	7.6	1500	27.0
280	10.7	1900	31.1
400	12.7	2000	32.2
800	18.6	2400	35.6
900	19.7	3000	40.8
1200	23.8		