

HYCF100 CAI Approved Coaxial Cable For Digital Applications



Product Type:

Coaxial Cable

Application:

This range of cable television and video cables is used primarily to carry TV, Satellite and CCTV signals. It is a high quality product, independently tested and approved by CAI (Confederation of Aerial Industries)

Standards:

CAI Approved CAI Specification CAI-007-C / 100 / 09-2013 Certificate Number: CAI0135A REACH and RoHS compliant

Construction:

Conductor	Solid plain annealed copper conductor
Insulation	Foam polyethylene.
Screen	Copper foil.
Braid	Plain copper braid
Sheath	PVC, Black. Other colours available
Length	100M, Other lengths also available

Technical Information:

Cable diameter Conductor resistance Braid resistance Min Insulation resistance Max rated temperature Capacitance Impedance Nominal velocity ratio 6.55mm nominal ≤ 26 Ω/km ≤ 15 Ω/km >500M Ω.km 70°C 52.5 ± 3 pF/m 75 ± 3 Ω 80%

Datasheet Ref: HYCF100_Coax

Issue: 2

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Attenuation / dB/100m @ 20° C			
5 MHz	≤ 1.6		
50 MHz	≤ 4.6		
100 MHz	≤ 6.5		
200 MHz	≤ 9.5		
460 MHz	≤ 15.0		
860 MHz	≤ 19.5		
1000 MHz	≤ 21.5		
1750 MHz	≤ 29.0		
2150 MHz	≤ 32.5		
Return Loss / dB			
5 – 30 MHz	≥23		
30 – 470 MHz	≥23		
470 – 862 MHz	≥20		
862 – 2150 MHz	≥18		
Screening Attenuation (before and after flexing)			
30 – 300 MHz	≥85		
300 – 470 MHz	≥80		
470 – 1000 MHz	≥75		
1000 – 2150 MHz	≥65		

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