



## CABS8HF/5R/PD1/AB 8 Core Screened Power & Data Alarm Cable Low Smoke Halogen Free 500mtr Reel ADI Benelux

### Construction

Group	Signal Cores	Power Cores
-------	--------------	-------------

### Conductor

Material	Tinned annealed stranded Cu	Tinned annealed stranded Cu
Nominal Diameter	Ø 0.546mm = 7xØ 0.182mm	16 xØ 0.2mm
Area	0.182mm <sup>2</sup>	0.503mm <sup>2</sup>

### Insulation

Material	Megolon HF 8142 LSZH Polymer	Megolon HF 8142 LSZH Polymer
Nominal Diameter	Ø 1.0mm	Ø 1.8mm
Min wall	0.2mm	0.3mm
Colours	<i>see colour table</i>	<i>see colour table</i>

### Mylar Layer

Coverage	n/a
----------	-----

### Drain Wire

Material	Tinned annealed (twisted) stranded Cu
Nominal Diameter	Ø 0.546mm = 7xØ 0.182mm
Area	0.182mm <sup>2</sup>

### Screen

Material	Alu/Polyester Foil 13mm width
Coverage	Min 10% overlap : Screen all cables together
Rip cord	Polyester 1100 Desitex 40 Nm breaking strain. Under sheath over foil

### Sheath

Material	Megolon 700B LSZH Polymer
Colour	White
Nominal Diameter	Ø 5.6mm
Min wall	Ø 0.4mm

### Sheath Marking

Printing	n/a
Color	n/a
Frequency	n/a

### Packaging

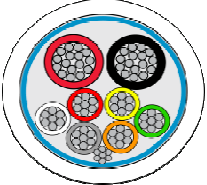
Reel	15" Plywood reel
------	------------------

### Labelling

Barcode	LABCABS8HF_5R_PD1_AB	5060399120791
Artwork No:	6477	

### Gross Weight (nominal)

25Kgs
-------

<i>Not to scale</i> 	Issue 02 Date 03/07/2014 CRJ	CQR Security Tarran Way Ind Est Moreton Wirral CH46 4TH <a href="http://www.cqr.co.uk">www.cqr.co.uk</a>
--	------------------------------------	--

Electrical characteristics		
Group	Signal Cores	Power Cores
Max conductor DC Nominal resistance	94.6 $\Omega$ /Km	34.3 $\Omega$ /Km
Rated Voltage	50V	50V
Insulation resistance @20°C	$\approx$ 200 M $\Omega$ /Km	$\approx$ 200 M $\Omega$ /Km

Thermal Characteristics	
Rated Temperature	-10°C to +70°C

Colour Table		
Signal	Power	Status
	Red	✓
	Black	✓
White		✓
Red		✓
Yellow		✓
Green		✓
Grey		✓
Orange		✓
Lt blue		✗
Brown		✗
Violet		✗
Black		✗
Blue		✗
Pink		✗
White / brown stripe		✗
White / violet stripe		✗
White / green stripe		✗
White / blue stripe		✗
White / grey stripe		✗
White / yellow stripe		✗
White / black stripe		✗
White / red stripe		✗

Customer
ADI Benelux

Standards
N/A