

Lumped Element

# Fixed Length Cable Simulator

Belden 8281

1.5GHz



## Electrical Specification

Cable type	Belden 8281
Equivalent Cable Length	As ordered eg 150m, 80m etc
Cable loss deviation <sup>1</sup>	<1dB to 750 MHz <2dB <sup>2</sup> to 1.5 GHz
Return Loss	>20 dB to 750 MHz >14 dB to 1.5 GHz
Characteristic Impedance	75 ohms

<sup>1</sup>Measured against Belden 8281 published data

<sup>2</sup><4dB for 40m lengths and above

RoHS Compliant in accordance with EU Directive (2002/95/EC)

## Application

- Cable simulator for HD-SDI interfaces

## Features

- Small size for all cable lengths
- Temperature stable
- Accurate and repeatable measurements
- Lightweight and convenient

## Environmental Ratings

- Temperature - 0 to 70°C
- Storage – 0 to 100°C

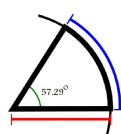
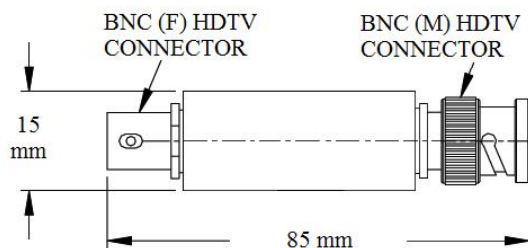
## Ordering Information

FS8281 -□□□-152

Enter required length in metres

eg 150 for 150m, 080 for 80m

## Outline Dimensions


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