

## Overview

Cable end connectors (KES) are used in broadband cable distribution networks and form a functionally unified system of adapters, cable transitions and connectors, including the appropriate distribution technology.

Our cable end connectors are characterized by the following special features:

- Through loss type. 0.1 dB
- improved electrical properties through the use of metal plug bodies
- extended frequency range up to 1218 MHz

## Order information

KES-IM-E:	PRA160101-01
KES-NM-E:	PRA160101-02
KES-QM-E:	PRA160101-03
KES-RES-E:	PR 110609-01
KES-GAU-E:	PRA160101-05
KES-10RC-E:	PRA160101-06



## Specifications

### 1. Mechanical characteristics

Description	Measuring parameter	Unit	KES-IM-E	KES-NM-E	KES-QM-E
Color	equal		RAL 3000	RAL 5002	RAL 8011
Cable type			A-... 1 iKx	A-... 1 nKx	A-... 1 qKx
∅ outer cable	±0.2	mm	7.8	9.3	14
Extraction force		N	≥85	≥190	≥325

### 2. Electrical characteristics

Description	Measuring parameter	Unit	KES-IM-E	KES-NM-E	KES-QM-E	KES-RES
Frequency range		MHz	4 ... 1218			
Nominal impedance (Z)		Ω	75			
Transmission loss		dB	≤0.1			
Return loss	f = 4 MHz ... 1218 MHz	dB	>30			
Screening attenuation (a <sub>s</sub> )	f = 30 MHz ... 300 MHz	dB	≥85			
	f = 300 MHz ... 470 MHz	dB	≥80			
	f = 470 MHz ... 1218 MHz	dB	≥75			
Contact resistance		mΩ	≤2.0			
Operating temperature		°C	-20 ... +55			