

RE: RG-8 or RG-213 equivalent

Subject: RE: RG-8 or RG-213 equivalent  
From: David Leary <dleary@dielectricsscience.com>  
Date: 12/17/2017 9:04 PM  
To: John Hansknecht <hansknech@jlab.org>

John,

We are pleased to quote as follows per your request. Price and delivery information is as shown below,

Part Description	Quantity	Unit Price
Kings 1765-1 x UHF air 50 ft long using 2215STJ	2 pc	\$542.00 ea

Delivery: 3 weeks ARO (but we have a 2 week plant shutdown starting this week  
F.O.B.: ex works, Chelmsford, MA  
Payment terms: net 30 days or credit card

Consider this quotation valid for 30 days. If you have any further questions or concerns, feel free to contact me.

Kind regards,

David Leary

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From: John Hansknecht [mailto:hansknech@jlab.org]  
Sent: Friday, December 15, 2017 12:22 PM  
To: David Leary  
Subject: Re: RG-8 or RG-213 equivalent

thumb tack.

On 12/15/2017 12:11 PM, David Leary wrote:

John,

We make two variations for customers – one comes with a flat thumb tack as shown on B1465-005 and one comes with a banana plug assembly as shown on B1977-008. Which would you prefer?

Kind regards,

David Leary

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From: John Hansknecht [mailto:hansknech@jlab.org]  
Sent: Friday, December 15, 2017 12:04 PM  
To: David Leary  
Subject: Re: RG-8 or RG-213 equivalent

The most flexible cable of the two. It is shielded right? If you have a metal tip, I would prefer you all install one. It can be the simple thumb tack type or a barrel like it seems Matsusada did.

John

On 12/15/2017 12:01 PM, David Leary wrote:

John,

Do you have the metal tip or will you install that later? Which cable do you want to use – the polyethylene or the silicone insulated?

Kind regards,

David Leary

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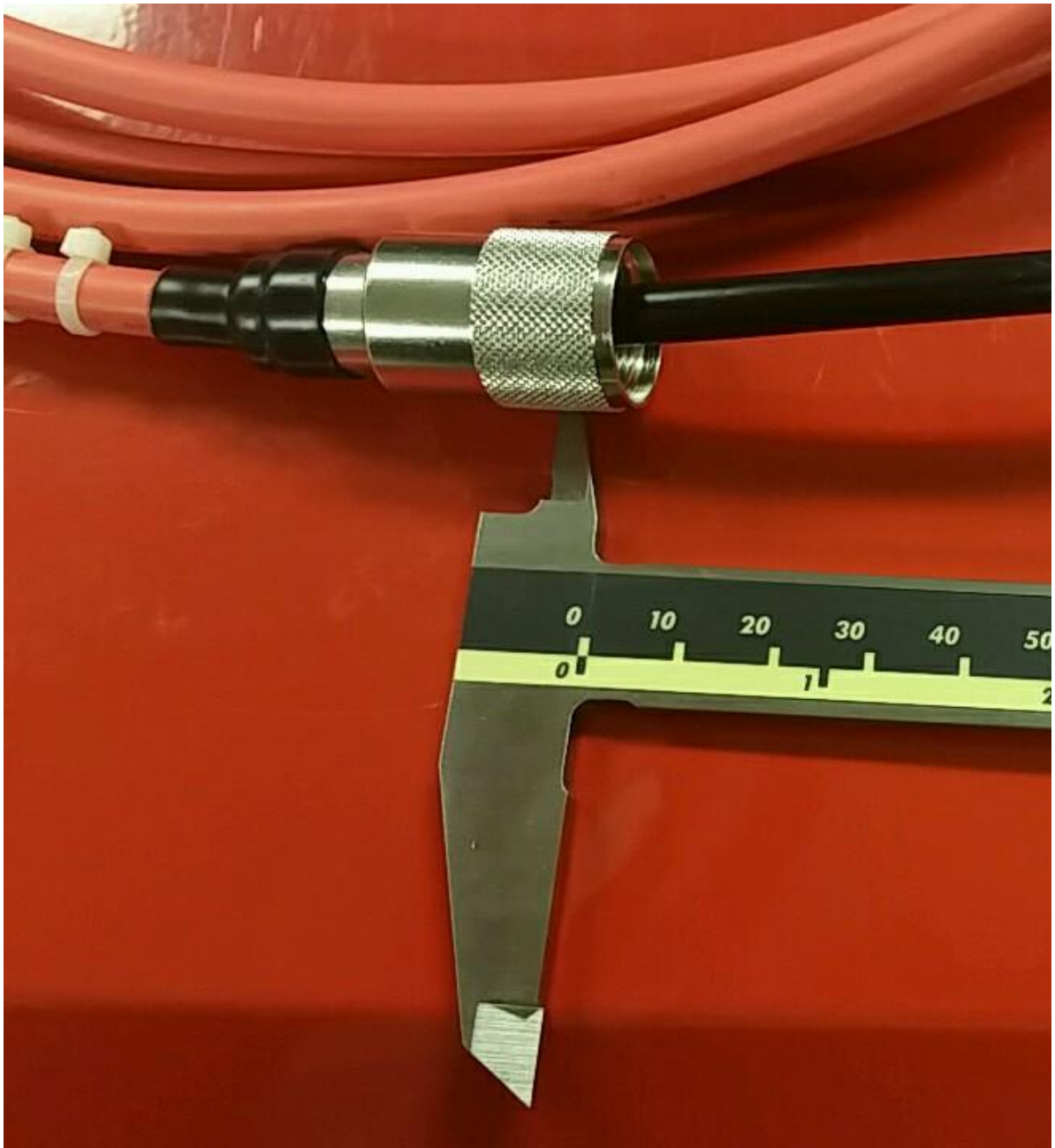
**From:** John Hansknecht [<mailto:hansknech@jlab.org>]

**Sent:** Friday, December 15, 2017 11:59 AM

**To:** David Leary

**Subject:** Re: RG-8 or RG-213 equivalent

Oh, I'll just buy them pre-assembled then. Qty 2. 50 feet tip to tip. The UHF connector needs the dielectric extended 3.75 inches from the mating point to a metal tip.



On 12/15/2017 11:38 AM, David Leary wrote:

John,

We make ~1000 cables per year using the UHF shell on one end and a Kings 1765-1 on the other end. The Reynolds and Kings part numbers are equivalent, although the King's price is generally half of the Reynold's price. Do you want to buy a fully terminated cable assembly or do you have the crimp tools down there to fabricate.

Kind regards,

David Leary

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From: John Hansknecht [<mailto:hansknech@jlab.org>]

**Sent:** Friday, December 15, 2017 11:28 AM  
**To:** David Leary  
**Subject:** Re: RG-8 or RG-213 equivalent

As a demonstration, I only need 30 feet, but if your minimum purchase means I need a larger length, we can buy longer.

I'm not finding your datasheets for those. The other end of the cable crimps into a Reynolds 167-3516 connector, so it must match the diameters of the RG-8 very closely.

John

On 12/15/2017 11:20 AM, David Leary wrote:

John,

We have two potential solutions for you – cables 2215STJ and 2309.  
We also stock a UHF shell for these. What do you need?

Kind regards,

David Leary

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**From:** John Hansknecht [<mailto:hansknech@jlab.org>]  
**Sent:** Friday, December 15, 2017 11:17 AM  
**To:** David Leary  
**Subject:** Re: RG-8 or RG-213 equivalent

Oops, no. Dielectric too thick for UHF connector.

On 12/15/2017 11:14 AM, John Hansknecht wrote:

Looks like it is your 2024S.

On 12/15/2017 11:12 AM, John Hansknecht wrote:

David,

What is your equivalent cable to RG8 (.397" O.D.) with shield that has a relatively high voltage rating?  
I have an application that needs 30kV rated cable, or at least 25kV. I know RG-8 and RG213 can be pushed that high, but wondering if you have something officially rated.

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Also, do you all carry the hollow UHF connectors that I often see on HV systems with RG8?

Minimum purchase amount?

Thanks,  
John