

Email Christoph about LV cables

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Subject: Re: 1st chamber engineering meeting

Dear colleagues,

I also refined cable selection :Â

If we take IS23 rev3 as safety resistance standard (if it is deprecated and another one has to be applied, please let us know as soon as possible), possible materials are :Â

EPR

EPDM

XLPE

Polyethylene

Polyethylene reticulated

PE cellular

PE HD

As commercial materials are not always that clear, I suppose TPE is also IS23 compliant.

That gives us 3 cables easily available :  
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<https://fr.rs-online.com/web/p/cable-de-contrôle-de-commande/8003335/>

[fr.rs-online.com]

LAPP KABEL, 0022736 , 17AWG , 4 conducteurs , paires torsadées , TPE

<https://fr.rs-online.com/web/p/cable-industriel-multiconducteur/7191658/?re>

levancy-data=636F3D3126696E3D4931384E525353746F636B4E756D6265724D504E266C75

3D656E266D6D3D6D61746368616C6C26706D3D5E5C647B367D247C5E5C647B377D247C5E5C6

47B31307D2426706F3D313426736E3D592673723D2673743D52535F53544F434B5F4E554D42

45522677633D4E4F4E45267573743D31313233323639267374613D3131323332363926

[fr.rs-online.com]

LAPP KABEL1123269 17AWG LSZH polymère

<http://fr.farnell.com/lapp-kabel/281604cy/cable-souple-blinde-4-cond-1-5mm2>

/dp/2813528 [fr.farnell.com]

LAPP KABEL 281604CY 4 x 1.5mm<sup>2</sup>. diam total 9.4mm 16 AWG, polymère

best

C.