USG™ Drywall Suspension System – 6 ft Cross Tees

Features and Benefits

- 6'-0" o.c. main tee spacing means reduced material costs and up to 30% fewer hanger wires for faster installation.
- Supports a single layer of 5/8" SHEETROCK Firecode C Core with hanger wires at 48" O.C. (Heavier ceiling loads are possible, see load table below.)
- Knurled surface reduces screw sidespin.
- Cross tee punchings easily accommodate type F light fixtures.
- Meets or exceeds ASTM C645.
- UL listed in 36 fire rated designs, many with light fixtures and duct openings.
- Fire rated designs up to 2-1/2 hours with one layer of Sheetrock Firecode C panels.

Applications

- Fire rated and non-fire rated ceilings
- Reduces field cutting in rooms that are multiples of 3' wide. (Widths of 12', 15', 18', etc)
- Corridors
- Offices
- Hospitals
- Schools
- Hospitality

See LEED report tool at [usgdesignstudio.com](http://usgdesignstudio.com) for detailed sustainability information.

To order samples, go to usg.com

DGLW624 cross tees for 6' O.C. main tee layout. Compatible with all other USG Drywall Suspension System Components.
For fire rated construction, all butt joints must be back blocked with a strip of 5/8" Sheetrock Firecode C.

### Butt Joint Plan View

- **Main Tee**: 6 ft. cross tee
- **Butt Joint**: Tapered edge
- **V15 Hold Down Clip**: Main tee
- **7 1/4" x 48" wallboard strip**: Over backside of butt joint
- **Hanger Wire**: 24" OC

### Simple Span Load Data, L/360 (lbs/LF)

<table>
<thead>
<tr>
<th>Length</th>
<th>Height</th>
<th>Item No.</th>
<th>Class</th>
<th>Recycled Content</th>
<th>Simple Span Load Data, L/360 (lbs/LF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>72&quot;</td>
<td>1-1/2&quot;</td>
<td>DGLW624</td>
<td>Class A</td>
<td>up to 45%</td>
<td>72&quot;</td>
</tr>
</tbody>
</table>

**Firecode®**

Ceiling load values, hanger wires 48" OC, L/240

- **Cross Tee Spacing**: 24" OC, 16" OC
- **Max ceiling weight, lbs-sf**: 3.4, 5.1

### UL Fire Rated Designs up to 2-1/2 hours

- **Concrete and Steel Floor Joists**: D501, D502, D503, D505
- **Concrete and Steel Joists**: G523, G524, G525, G526, G527, G528, G529, G531, G541, G555, G590
- **Wood Joists or Combination Wood and Steel Assemblies**: L502, L508, L513, L515, L521, L525, L526, L529
- **Roof - Ceilings**: P506, P507, P508, P510, P513, P514, P521, P522, P523, P525, P526, P527, P531

See [http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/bxuv_search.html](http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/bxuv_search.html) for construction details.

### Butt Joint Detail

- **Main Tee**: DGLW26
- **Cross Tee**: DGLW2624
- **Hanger Wire**: Type F light fixture

### PZ Variable Hold Down Clips

- **5/8" Sheetrock Firecode C**
- **Type G Laminating Screws**

**Physical Data/ Footnotes**

- **Product Literature**: System brochure: AC3152
- **System Literature**: Data sheet wall-to-wall: AC3230
- **Sample**: 257202
- **Material**: G40 double-web tee, hot-dipped galvanized steel
- **Load data shown based on L/240 deflection limits per ASTM C645**
- **Products tested and in compliance with ASTM C635 L/360 deflection limits**
- **For detailing and module loading, request AC3152 or visit usgdesignstudio.com**
- **DGLW26 main tees and DGLW2624 and DGLW50 cross tees feature special punching and cross-tee lengths to accommodate Type F fixtures**

**Notice**

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